

# bulletin

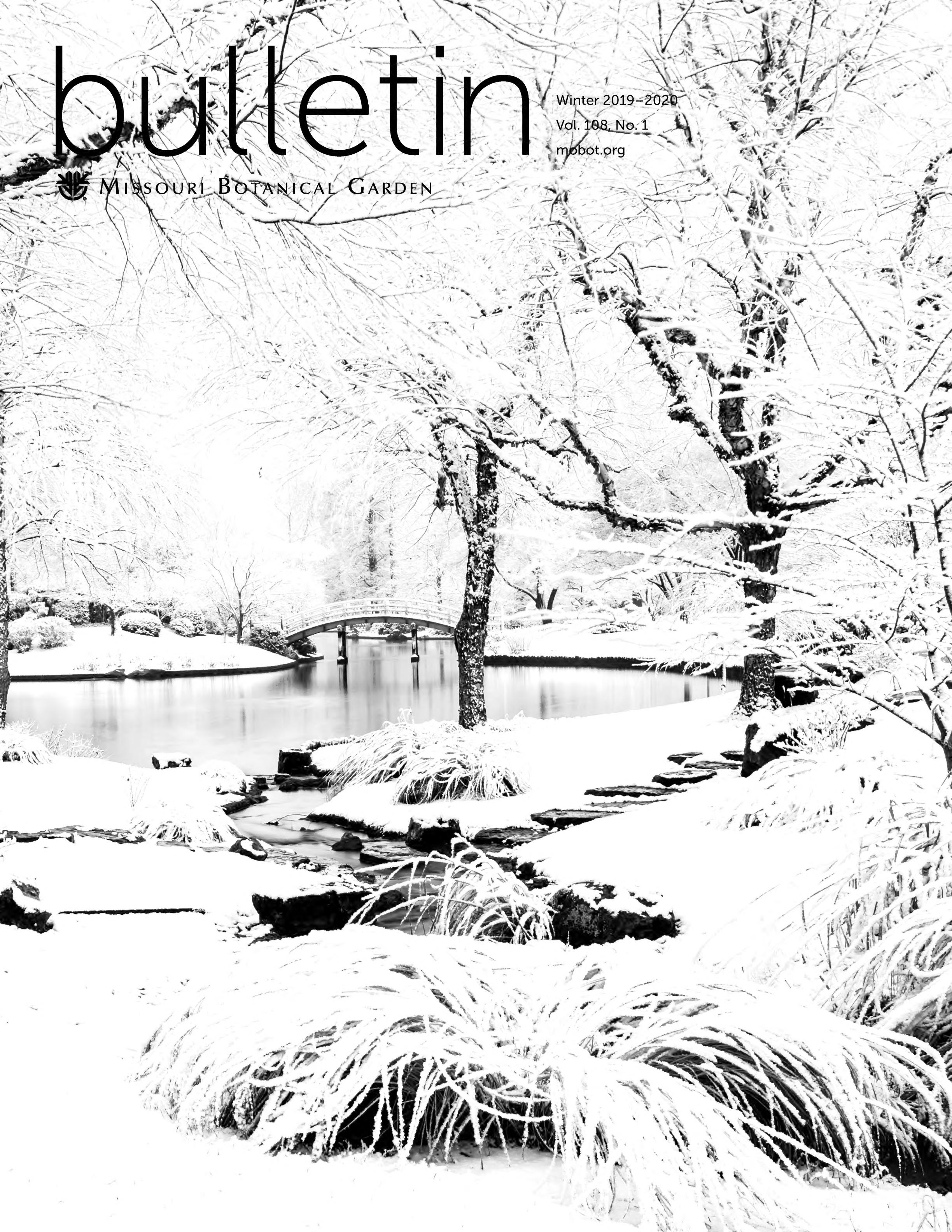


MISSOURI BOTANICAL GARDEN

Winter 2019–2020

Vol. 108, No. 1

[mobot.org](http://mobot.org)



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Thank you! Your membership provides critical support for our international and local plant science and conservation work, and Garden memberships and contributions provide 24% of our annual operating funds.

To learn more about the benefits of your membership, visit [mobot.org/membership](http://mobot.org/membership), email [membership@mobot.org](mailto:membership@mobot.org), or call (314) 577-5118.

### hours and admission

For hours and admission prices at our three locations, visit [mobot.org](http://mobot.org), [butterflyhouse.org](http://butterflyhouse.org), and [shawnature.org](http://shawnature.org).

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### on the cover

Fresh snow transforms the Japanese Garden into a magical winter landscape. Photo by Kent Burgess.

### credits

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*To discover and share knowledge about plants and their environment in order to preserve and enrich life.*

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# from the president



Winter is such a special time of year at the Missouri Botanical Garden, Sophia M. Sachs Butterfly House, and Shaw Nature Reserve. We celebrate the closing of the year with a wide array of activities, from fall classes to holiday lights. Many of our plants are dormant, but the conservatories are full of lush foliage and blooms. Fall color

gives way to the contrast of winter's bare branches—with the occasional blanket of snow.

The season is also filled with the hope and excitement of the new year to come. That feeling is particularly sharp in 2019, as we prepare for the groundbreaking on our largest project in Garden history. We recently announced our plans for the new Jack C. Taylor Visitor Center to the community, and it is my great pleasure to share additional details with you—our members—about this transformational project (see page 10).

This wonderful new “Gateway to the Garden” will showcase our mission and living collections in new and exciting ways while meeting the needs of our members and visitors better than ever before. We will be able to offer new amenities and services while keeping our views—and our programs—focused on our global mission of plant conservation and our beautiful, diverse landscape.

This year marks the 160th anniversary of the Garden, as well as my 10th year as president. I have been reflecting on our role in our community. I think our founder, Henry Shaw, would be proud how his vision for the “promotion of scientific investigations” has expanded around the world (see page 6). At the same time, we honor his directive that “instruction to garden pupils shall be attended to” here at home (see page 8).

We are certainly taking Henry Shaw’s vision of “a Garden for all of St. Louis” to a new level this anniversary year.

As you plan your holiday celebrations (see page 16), I hope you will remember your important role in all of the Garden’s work. We fulfill our mission each day with the support of our volunteers, members, and closest friends. That is, of course, all of you. Thank you for making our mission possible.

Dr. Peter Wyse Jackson, *President*

# what's new?



This September, the Stanley Cup visited the Garden on its tour of St. Louis area attractions. Senior Manager Derek Lyle and other nursery staff created a special platform to allow the Cup to be photographed resting on a Victoria water lily pad.

## BiodiverseCity St. Louis Honored by St. Louis Audubon Society

The Garden-led BiodiverseCity St. Louis initiative has received the 2019 Outstanding Conservationist Award from the St. Louis Audubon Society. The award honors an individual, group, or organization that has significantly contributed over many years to the conservation of birds, other wildlife, and their habitats through professional service, volunteerism, or communications. In recognizing the organization, the Audubon Society Board of Directors particularly acknowledged the work of BiodiverseCity St. Louis in facilitating the BiomeSTL atlas and action plan earlier this year.

## Garden Visitor Services Staff Recognized as "Hospitality Heroes"

In recognition of their exceptional service and dedication to Garden visitors, Alice Ransom and Mike Wilkerson of the Garden's Visitor Services team have been named 2019 "Hospitality Heroes" by Explore St. Louis. The Hospitality Hero Recognition Program honors frontline employees who exemplify the St. Louis hospitality community's ongoing commitment to great public service and is judged by a panel of customer service experts.



## Longtime Shaw Nature Reserve Naturalist Receives Multiple Honors

Dr. James Trager, naturalist and ecologist at Shaw Nature Reserve for 29 years, has received the William A. Davit Award for Prairie Communicator of the Year for 2019 from the Missouri Prairie Foundation and the Erna Eisendrath Memorial Education Award from the Missouri Native Plant Society. Trager, who retired from the Nature Reserve in June, is recognized for his contributions to communicating the importance of prairie ecology and for the vast influence of his work on current and future ecologists.



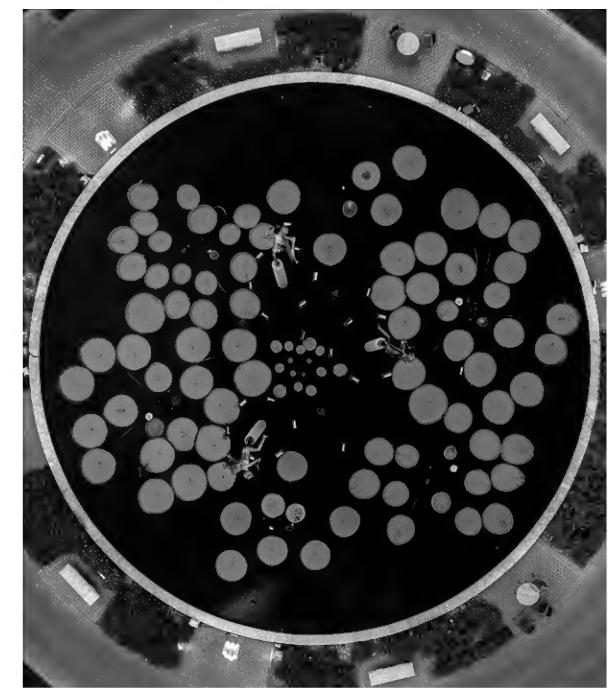
## Garden Partnership Makes Solar Energy More Affordable

Solar energy is more accessible to St. Louis city and county property owners thanks to a new joint effort by the Garden, the Midwest Renewable Energy Association (MREA), and Washington University in St. Louis. The Grow Solar St. Louis program offers area residents and business owners free solar education sessions and the opportunity to purchase through a group, which significantly decreases the cost of solar installations through volume. "Going solar can be complicated," explains Glenda Abney, Director of the Garden's EarthWays Center. "Some people say that confusion has kept them from moving forward, so one of the real benefits of this program is that we've done all that investigation work for them." For more details about the Garden's efforts, visit our blog at [discoverandshare.org](http://discoverandshare.org). For Solar Power Hour 2020 dates or to learn more, visit the Grow Solar website at [growsolarstl.org](http://growsolarstl.org).



## Garden and Saint Louis Zoo Win World Ecology Award

The Whitney R. Harris Ecology Center at the University of Missouri-St. Louis has awarded its 2019 World Ecology Award to the Garden and the Saint Louis Zoo in honor of their exceptional, decades-long conservation initiatives in Madagascar. The Garden began its work in Madagascar in the 1970s, and has worked collaboratively with the Zoo since 2006. The World Ecology Award not only recognizes the two institutions' efforts to save endangered plants and animals in Madagascar, but also their work training scientists and building organizational capacity to protect the nation's biodiversity into the future. The award will be presented at the 23rd World Ecology Award Gala on November 15.



## The EarthWays Center's Jean Ponzi Gives TEDx Talk

"Green" Jean Ponzi, Green Resources Manager at the Garden's EarthWays Center, was among eight local luminaries invited to present at the TEDx Gateway Arch "Crash Course" thought leadership conference in September. Ponzi's presentation focused on recognizing negativity as a valuable part of an overall healthy outlook on life and the environment. "When we look at life through a dualistic perspective, plants can help us appreciate both 'positive' and 'negative' hemispheres of being," Ponzi explains. "Plants cycle through productive and dormant times each year, with beauty and value in both functions. They are good guides as we explore negativity's true nature." You can find Ponzi's recommendations for environmentally friendly products and practices and submit questions of your own at [mobot.org/greenresources](http://mobot.org/greenresources).

## Chinese Garden Mosaics Restored

The crane mosaics in the Margaret Grigg Nanjing Friendship Garden (Chinese Garden) have received their first major restoration since 2006. Though Garden staff perform minor repairs on the artwork as needed, exposure to the St. Louis climate sometimes requires more considerable restoration work, according to General Services Manager Kevin Mattingly. "All of this work, be it brick or stone, deteriorates rapidly due to the frequent freeze/thaw cycles of our St. Louis winters." For restorations of this nature, the Garden relies on artist Grace McCommend to painstakingly remove, clean, and then replace each individual stone. McCommend has previously worked on the exterior of the house in the Pfautch Bavarian Garden and the dome above the Bakewell Ottoman Garden throne.



## Historic Water Lilies Experience History-Making Summer

The Victoria water lilies in the Garden's Central Axis grew larger than ever this summer thanks to an extended growing season! The purchase of newly heated pools and LED grow lights in Garden greenhouses was made possible by donors Michael and Jeanie Gleason. At their peak, some pads spanned more than seven feet across.



## New Water Feature Installed in Bavarian Garden

The Floyd Pfautch Bavarian Garden at the Garden's southeastern boundary is now home to a long-awaited water feature.

# research news



Dr. Robbie Hart, ready to play "Gloria" after having finished fieldwork for the Garden's GLORIA project at Da Xue Shan (4,684 meters above sea level), in Himalayan China. The Global Observation Research Initiative in Alpine environments is an international network tracking the effects of climate change on mountain plants. The Garden coordinates a network of Himalayan GLORIA sites with colleagues in China, Bhutan, and Nepal.



The Garden welcomed more than 120 delegates from around the world for its 66th Annual Fall Symposium in October. The focus of the conference was the origins and maintenance of neotropical biodiversity.

## Krukoff Curator of African Botany Lauded for PhD Dissertation

Recently appointed Krukoff Curator of African Botany Dr. Patricia Barberá Sanchez has been awarded the Extraordinary PhD Award by the University Autónoma of Madrid, an honor bestowed once each year for the finest PhD defended in the University's biology program.



Alexander von Humboldt statue in Tower Grove Park commissioned by Garden founder Henry Shaw.

## Garden Celebrates Legacy of Prolific Explorer Alexander von Humboldt

This summer Garden researchers commemorated the 250th birthday of German explorer Alexander von Humboldt, one of the most influential people you've probably never heard of. More places, plants, and animals are named after Humboldt than any other person. When our researchers categorize, identify, and discover new plants, they must always refer to the first published name of that plant or its relatives. For Garden botanists who work in the Latin American countries Humboldt visited, his name comes up a lot. Garden researchers Stephanie Keil, Dr. Carmen Ulloa, and Dr. Burgund Bassüner have assembled a pair of exhibits at the Peter H. Raven Library and Stephen and Peter Sachs Museum that detail Humboldt's landmark five-year expedition to the Americas and its connection to present-day explorations. Learn more about Humboldt and these exhibits on our blog at [discoverandshare.org](http://discoverandshare.org).



Sylvie Andriambololonera  
Research Unit Coordinator



Jeannie Raharimampionona  
Conservation Unit Coordinator

## Partners in Plant Conservation

Sylvie Andriambololonera and Jeannie Raharimampionona,  
Madagascar Program

Sylvie Andriambololonera and Jeannie Raharimampionona started working as botanical technicians for the Garden's program in Madagascar in April 1992. Over the last 27 years they have taken on a growing number of responsibilities, and today they lead the two main components of the program.

Jeannie heads the conservation program, overseeing a dozen community-based conservation sites that protect nearly a quarter of Madagascar's estimated 14,000 species. Sylvie runs the research program, which discovers and describes dozens of new species each year, identifying those that are most threatened and require conservation action.

—Pete Lowry, Senior Curator and Director, Africa and Madagascar Program

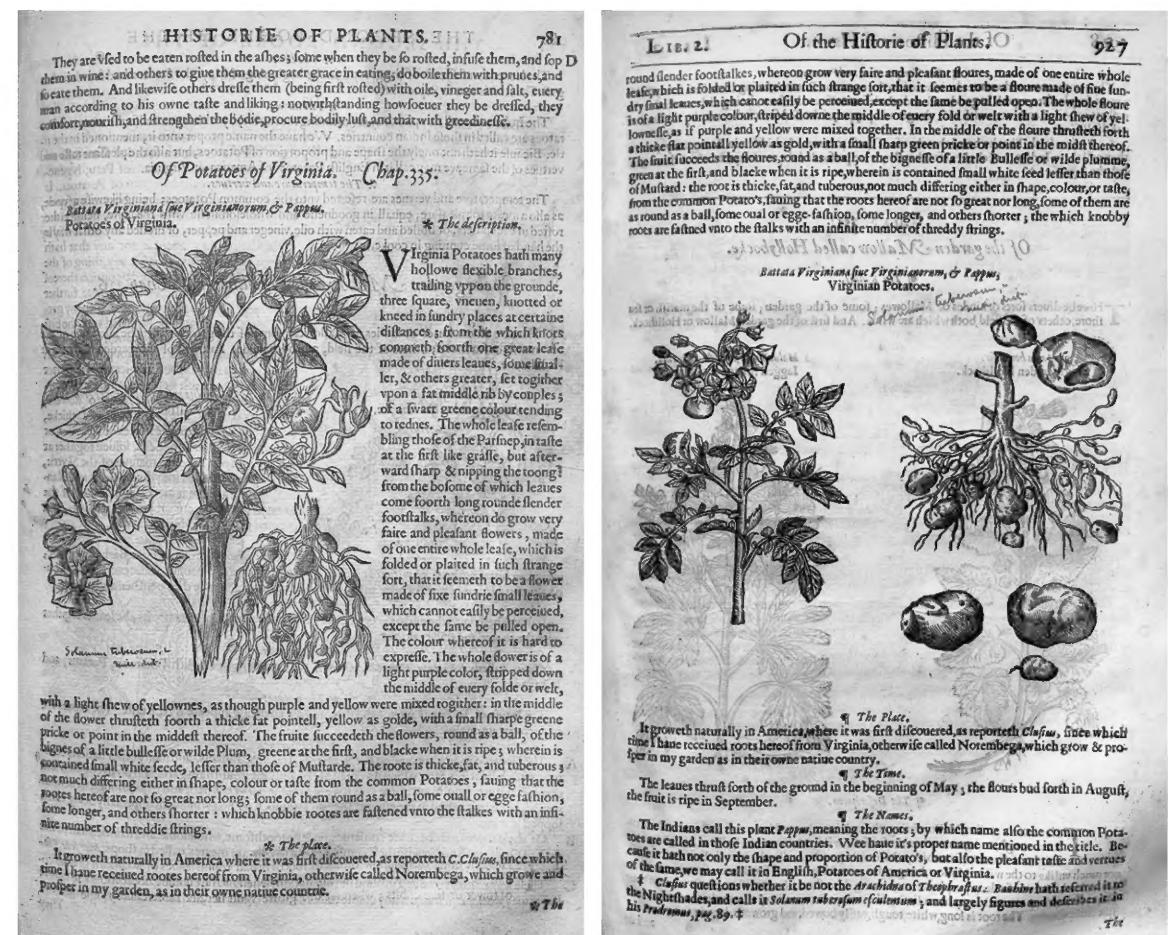
**Learn more** about the Garden's work in Madagascar on our blog at [discoverandshare.org](http://discoverandshare.org).

## Curator's Corner: Sachs Museum

On view November 15–March 17, 2020 at the Stephen and Peter Sachs Museum is the special exhibition, *Potato (Solanum tuberosum): Apple of the Earth*, which features the botany, history, and worldwide importance of the 4th most important food crop in the world, the humble potato. Exhibit sponsorship is provided by Nancy and Kenneth Kranzberg and the John and Anita O'Connell Family Fund.

This exhibition weaves specimens, historical artifacts, and contemporary scientific research together with art installations to highlight the diverse history and impact of the potato on global culture and economy. One of the items featured in the exhibition comes from the Garden's Peter H. Raven Library, a reprint of John Gerard's 1633 *Herball, or Generall Historie of Plantes*, which became one of the most important botanical texts of 17th-century England. The 1597 original book features the earliest known published image of the potato plant. Later editions of the book (1633 and 1636) feature a slightly different set of illustrations of *Solanum tuberosum* which showcased more details and updated knowledge about the plant, as it probably had become better known in the intervening years. Gerard writes, "The Indians do call this plant Papus (meaning the roots) by which name also the common potatoes are called in those Indian countries." John Gerard was an English botanist (1545–1612) who maintained a large herbal garden in London and published a catalog of plants that he grew, which included the potato—considered a very exotic plant at that time. The Raven Library holds original editions from all three years of publication.

—Nezka Pfeifer, Museum Curator



The earliest known image of the potato, depicted in John Gerard's 1597 *Herball, or Generall Historie of Plantes* (left) and a 1633 reprint (right).

# what can you do?

## Gaze at the Garden's Sculpture Collection

With tree limbs free of foliage, the winter months are the perfect time to take in the dozens of sculpted artworks on display throughout Garden grounds. From the marble busts of botanists Carl Linnaeus, Thomas Nuttall, and Asa Gray that appear above the Linnean House to Juno, queen of Roman gods and guardian of our Kresko Victorian Garden, more than 50 unique, historic sculptures are placed throughout the Garden's 79 acres. Discover a new favorite this season!



*The Three Sturgeons* is on display in the Swift Family Garden, next to the Linnean House.



## Experience the Orchid Show in a New Light

Enjoy exclusive lighted viewings of the Orchid Show along with live music, wine tastings, and a cash bar at Orchid Nights, select Thursday evenings in February and March. Ticket includes choice of one signature cocktail or one beer/wine. \$15 members; \$20 nonmembers. Learn more at [mobot.org/orchidshow](http://mobot.org/orchidshow).



## Consider Making a Year-End Gift

The Garden is a world-renowned institution because of donors like you. Consider making a year-end gift to our Henry Shaw Fund over and above your membership to support the Garden's work here and around the globe.

We can't do this without you! Visit [mobot.org/donate](http://mobot.org/donate), call (314) 577-5118, or stop by the Membership Services Desk to make a tax-deductible donation.

## Avoid Cabin Fever with One of Our Classes

Warm up and discover a whole new world of fun learning opportunities for kids and adults offered at the Garden, Butterfly House, and Shaw Nature Reserve. From garden planning to winter drawing to making maple syrup, there's something for everyone! Find more information at [mobot.org/classes](http://mobot.org/classes). Don't forget to mark your calendars: spring and summer class registration opens February 1.



## Surprise Someone Special with a Garden Gift Card

Gift cards are always great birthday, holiday, and anniversary presents. Get the Missouri Botanical Garden gift card at the Garden and Butterfly House ticket counters and online\* at mobot.org. Use it to buy admission tickets, sign up for classes, enjoy a meal at Sassafras, buy a membership, or get that unique present at the gift shops. \**shipping fee applies*



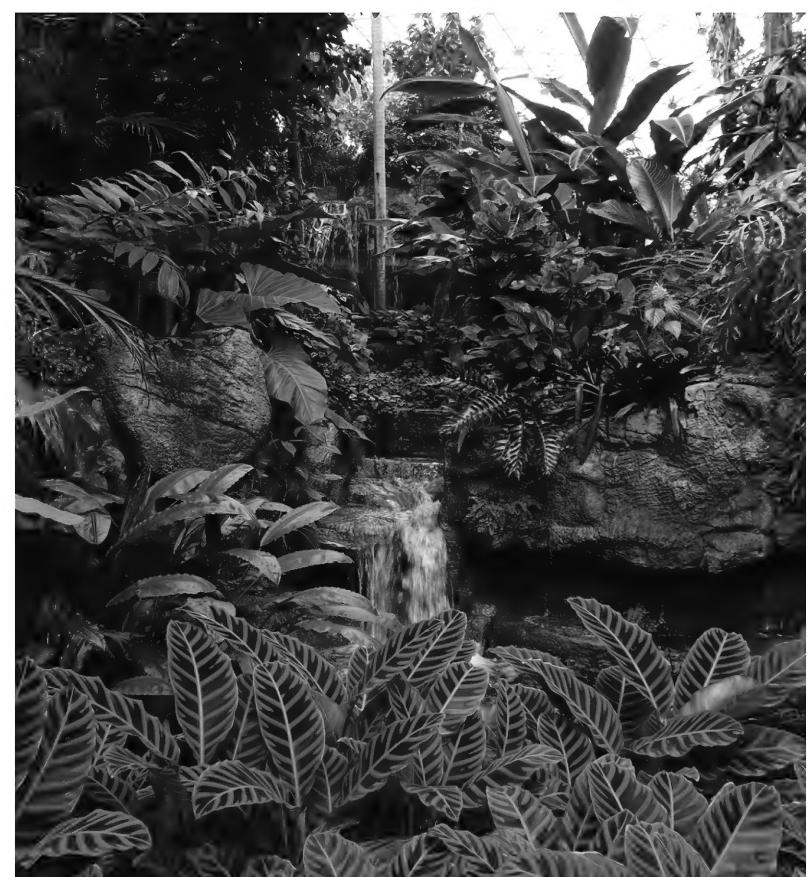
## Give a Year of the Garden with a Gift Membership

Share the Garden with someone special this holiday season. A Garden membership makes an excellent gift and provides a full year of great benefits. To purchase a gift membership, visit the Membership Services Desk at the Garden, Butterfly House, or Shaw Nature Reserve; call (314) 577-5118; or visit us online at mobot.org/membership. Purchase by December 8 to ensure delivery before December 25.



## Marvel at the Majesty of the Garden's Water Lilies

Bask in warm thoughts of summer as you view stunning large-format photographs of the Garden's colorful water lilies captured by volunteer photographers. On display in Bayer Hall January 20–October. Included with Garden admission. Learn more at [mobot.org/events](http://mobot.org/events).



## Escape the Cold

Experience a tropical start to your new year at the Garden and let the good times roll at the Butterfly House.

## Tiki in the Tropics

January 18 | 3–5 p.m.

Warm up with a taste of island life inside the tropical Climatron as you sip on tiki drinks, learn to hula dance to South Seas-inspired sounds performed live, test your limbo skills, and make a tiki mask. Guests must be at least 21 years old. \$20 for members; \$25 for nonmembers. Purchase tickets at [mobot.org/events](http://mobot.org/events).

## Morpho Mardi Gras

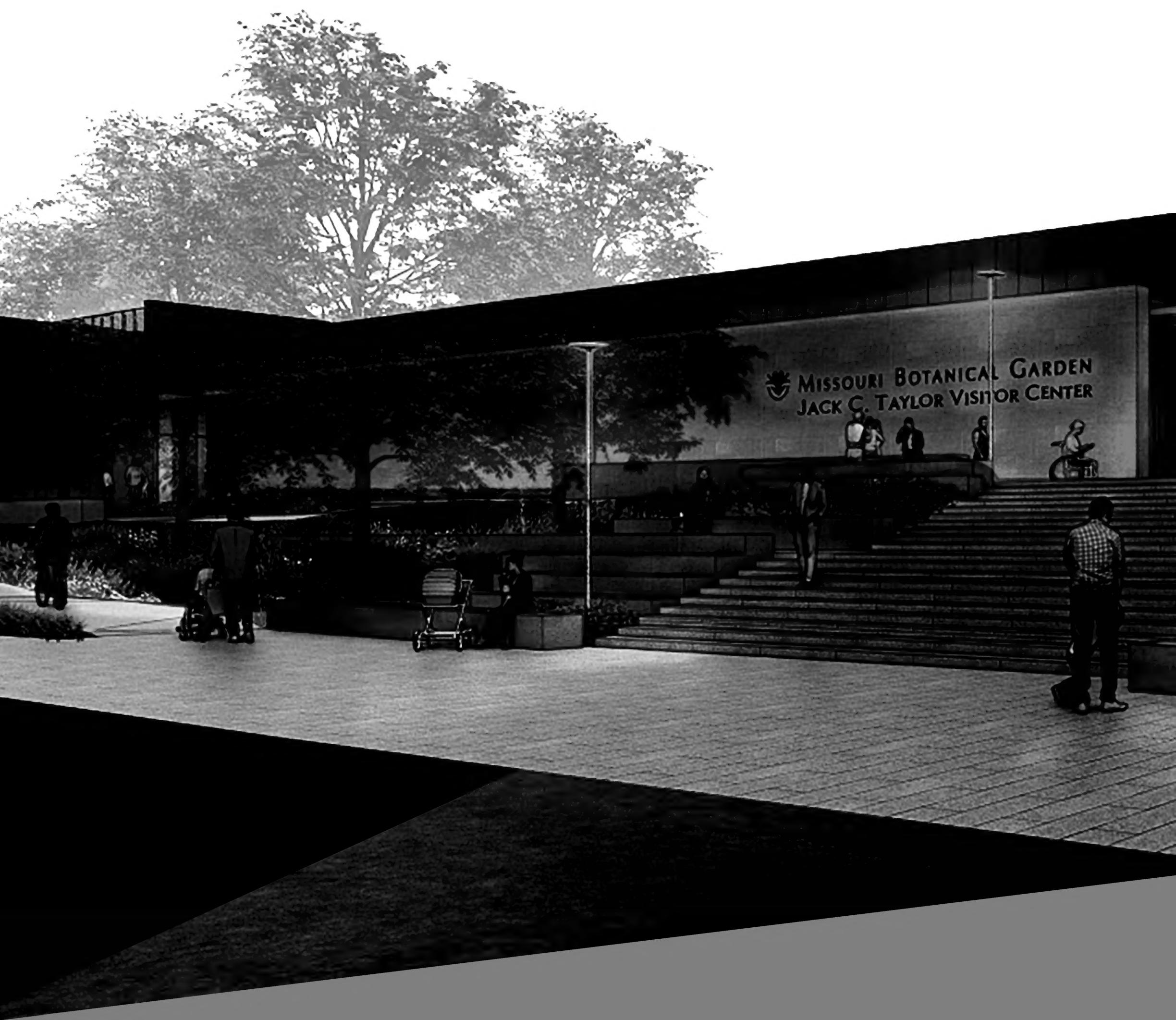
February 1–March 31

10 a.m.–4 p.m. daily  
(closed Mondays)

Bring your Krewe to a Mardi Gras-inspired carnival throughout the Butterfly House. Join the party at our Bugs on Parade, make a masquerade mask, and immerse yourself in a sea of blue as the Butterfly House floods with thousands of blue morpho butterflies. Free for members; included with admission for nonmembers. Learn more at [butterflyhouse.org](http://butterflyhouse.org).



# First Look



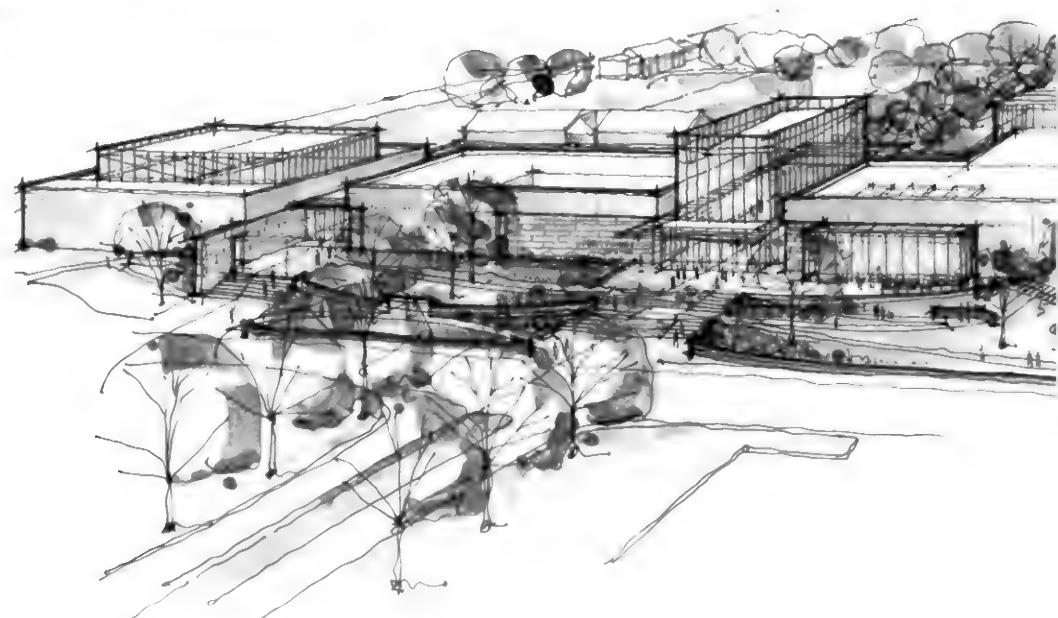


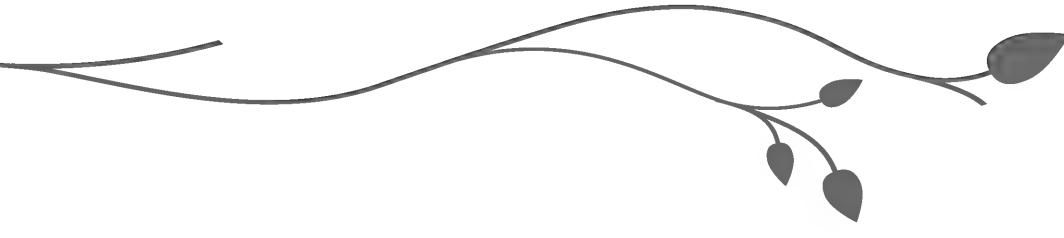
Our new  
visitor center  
will plant  
seeds of  
discovery—  
and support  
St. Louis's  
blossoming  
culture

Walking into the Missouri Botanical Garden always creates feelings of excitement and anticipation. Where shall we explore today? What might be blooming? Who will we meet? What will we learn?



The Jack C. Taylor Visitor Center immerses visitors in the Garden experience from the moment they arrive.





**S**tarting this winter, we are setting our sights on amplifying this experience in dramatic new ways. As we announced in October, the Missouri Botanical Garden will soon break ground on the new Jack C. Taylor Visitor Center, a project that will transform our visitors' experience, sustain the Garden's future, and contribute to a growing cultural renaissance in St. Louis. The \$92 million project will be funded entirely from private donations—spearheaded by the Taylor family and backed by Garden supporters like you.

"We saw a tremendous and important opportunity to create a gateway to the Garden that delivers an experience of the caliber of the displays and events that people love once they're inside, but also helps to complement their entire visit," said Garden President Peter Wyse Jackson. "This project will create a new treasure for St. Louis, allowing us to advance our role as a global leader in plant science and as an important cultural institution for the region." In other words, we're starting to feel that anticipation and excitement.

## An Immersive Experience

The Taylor Visitor Center will serve as a hub of activity as visitors prepare for and return from their Garden explorations. It will also become a more central part of the Garden experience, integrated with our diverse living collections.

From the moment they pull into the parking lot, visitors will be immersed in our mission to connect people with plants and showcase the natural world. The Taylor Visitor Center will integrate gardens into the entrance of the building and reinforce the importance of plant life through both architecture and landscape.

The new entry garden will feature rare plants from around the world, a fountain, a sloped walkway, and seating among an ascending, multi-layered, open woodland planting. Visitors will choose to either head directly into the lobby or stroll through the entry garden at their own pace, enjoying displays of flowers, shrubs, and trees.

Once inside, guests will be immediately greeted with



New pathways, pools, and plantings welcome visitors upon entering the Garden.

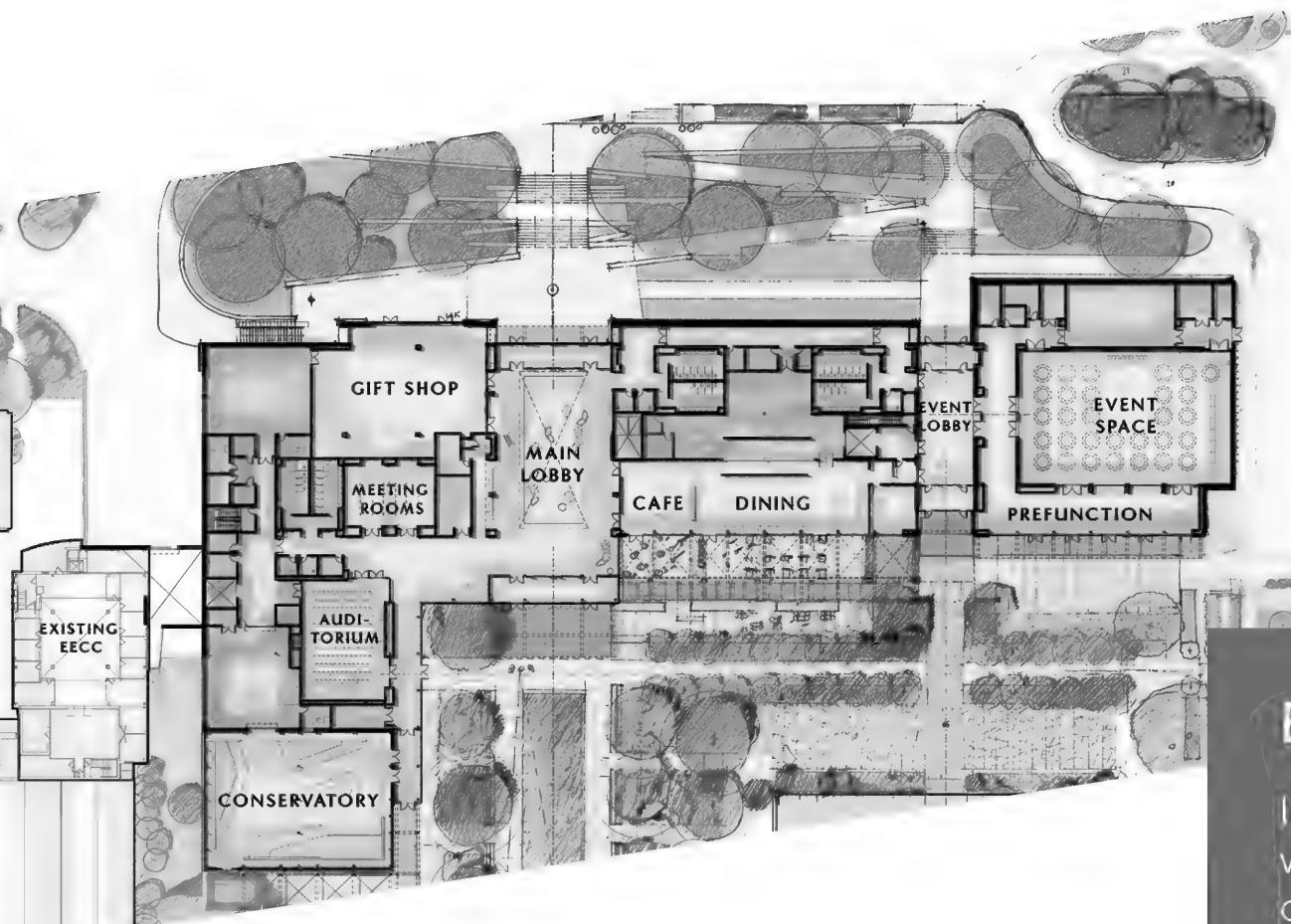
stunning views of some of the Garden's most iconic locations, as well as a new garden and fountain to the south. A new conservatory will house a permanent collection of Mediterranean plants and beloved flower shows.

The new building will be more easily accessible, consisting of a single level with seating areas for gathering and resting, wide pathways, and additional drop-off areas. Admission will be streamlined, with a single desk to provide information, ticket sales, membership sales, and security.

The shop will include outdoor plant sales, and enhanced dining options will include a grab-and-go location, as well as a sit-down café that will have expansive views to the Garden. The new building will also provide more space for meetings and events, including a separate area for large private events and conferences.

To make this vision come to life, the Garden is collaborating with leading design firm Ayers Saint Gross and landscape architect Michael Vergason.

"We are thinking about everything—from how light comes into the lobby space, to how we can ensure that all public spaces have views of the Garden, to how we can honor Henry Shaw's legacy," said Luanne Greene, president of Ayers Saint Gross. "We aim to make this space both practical and inspiring."



All facilities exist on a single level for improved accessibility.



## Expanding Our Capacity

In addition to a revamped main lobby, there will be a large function space that will expand our ability to serve the community, not only welcoming visitors but also serving as the host site for private films, events, conferences, and educational sessions all year long.

## A Sustainable Building for the Garden's Future

A lot has changed at the Garden since Ridgway Visitor Center was built in 1982, including the number of visitors. The center was designed to accommodate 250,000 visitors per year. Today we're welcoming nearly one million.

As we look to sustain and build on this growth, the Taylor Visitor Center will be critical to ensuring an exceptional experience for visitors at every point of the Garden. It will also enable us to support bigger and better events, including today's favorite events like Japanese Festival, Best of Missouri Market®, and Garden Glow.

We've also made huge strides in sustainable architecture and technology since 1982. We are fully committed to deploying these advances throughout the building, including attaining the highest possible level of LEED certification. LEED standards ensure that buildings operate under sustainable best practices for design and construction as well as ongoing operations and maintenance.

As we think about how crucial the preservation of plants and our environment is for the future of our city, society, planet, and personal well-being, there is no better

time to take these steps toward revitalization.

## Building on Blossoming Civic Pride

St. Louis is experiencing a transformation. With the fostering and launching of innovative companies, resurgent neighborhoods, the development of beautiful new attractions, and the addition of two exciting sports teams, this city is going through nothing short of a renaissance.

The Missouri Botanical Garden has always been a crown jewel for the community and region, but the Taylor Visitor Center enables us to further enhance this rejuvenation of the city, ensuring that the Garden will remain a top tourist destination as well as a local favorite.

## A Future Delivered by Our Donors

As a valued member of the Garden, this transformation is because of and for each of you. The new center will be funded by private donations and will not pass any additional costs to taxpayers in our community.

Funding for this initiative is being led by the Taylor Family, who have supported the Garden's legacy for decades, and powered by a passionate group of generous donors and Garden enthusiasts.



**"We have a long history of working with institutions that make long-term impacts on the place, culture, and knowledge of a community. The planet is in desperate need of organizations like Missouri Botanical Garden and we believe this is a once-in-a-generation opportunity for the Garden to truly enhance its message."**

— Luanne Greene, President, Ayers Saint Gross

"The Botanical Garden is not only a family favorite, but also a fixture in the St. Louis community. It's a place for people to gather, to learn, and to enjoy the natural beauty of our world," said Jo Ann Taylor Kindle, Trustee of the Crawford Taylor Foundation. "As St. Louis experiences a revitalization, we are excited to offer our support to an institution that truly impacts society and our planet."

This development is just the beginning. For 160 years, our world-renowned Garden has had an important and vital role in the preservation and restoration of our community. As we look at the Garden beyond, the next two years will be a time of growth and change as we put a stake in the ground as part of St. Louis's renaissance. We appreciate your support and are beyond excited for what is next!

## The Next Two Years

We are dedicated to continuing to serve our mission throughout the transformation process, and we will remain open throughout the two-year construction.

January 2020  
Break Ground on East Wing

Phase 1  
January 2020–October 2020  
Construction of East Wing

The new conservatory provides a permanent home for Mediterranean plants with expansive views of the Garden beyond.



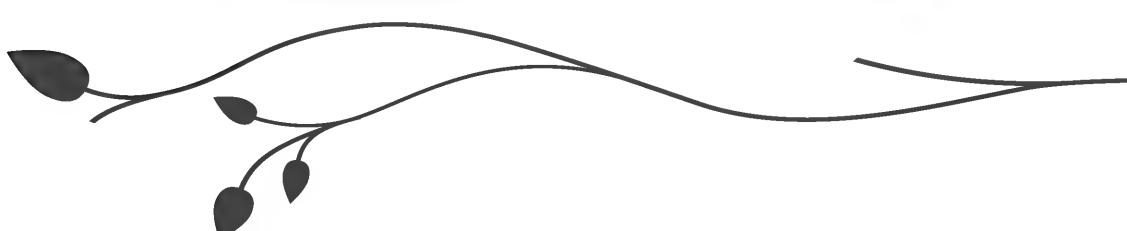
### Get Involved

Become a part of this transformational project.

**Visit.** The Garden will remain open throughout the entire construction process, and our signature events and festivals will continue as planned, so please bring your family in for a visit! We'll have renderings and a 3D model of the Taylor Visitor Center on display in our lobby, and Garden staff are available for any questions.

**Donate.** Every gift supports the Garden and our mission. The visitor center is currently 90% funded; to raise the final 10%, we need your help. Learn more by visiting [mobot.org/donate](http://mobot.org/donate).

**Get updates.** We want to keep our members informed on our progress. For more information, visit [mobot.org/taylorcenter](http://mobot.org/taylorcenter).



Phase 2  
October 2020–March 2022  
Construction of West Wing

Phase 3  
March 2022–July 2022  
Finishing Touches



# holiday **FUN**



Don't let the cold keep you from experiencing the most wonderful time of the year at the Garden. Winter events and activities offer fun for guests of all ages—and most are FREE for members.

## Garden Glow

November 23–January 4 | 5–10 p.m.

Closed December 9, 24, and 25

Member Preview November 22

**Presented by Wells Fargo Advisors**

Celebrate the season with one million lights, fun new experiences, and traditional favorites. Enjoy s'mores, festive drinks, and great photo opportunities that will delight guests of all ages! Tickets and information at [mobot.org/glow](http://mobot.org/glow).

## Gardenland Express

November 23–January 1 | 9 a.m.–4 p.m. | Closed December 25

Open during Garden Glow | **Presented by Wells Fargo Advisors**

The annual holiday flower and train show returns celebrating a Victorian-style holiday. Members enjoy free daytime admission to Gardenland Express, and nighttime admission is included in the member Garden Glow ticket price.

## Victorian Christmas at Tower Grove House

November 23–December 29 | 10 a.m.–4 p.m.

Wednesday–Sunday | Closed November 28 and December 25

**Open during Garden Glow**

See the country home of Garden founder Henry Shaw decked for the holidays in true Victorian style. Decorations are provided by local garden clubs and the Garden Members' Board. Enjoy special activities for children and storytelling on Wednesdays and Saturdays at 11 a.m. and Sundays at 1 p.m.



## Holiday Wreath Display and Auction

November 22–January 4 | 9 a.m.–4 p.m.

Bayer Hall is decked with lavish creations donated by St. Louis's finest florists. Each unique wreath is available for purchase through silent auction. The annual display is coordinated by the Garden Members' Board. Wreaths are awarded to the highest bidder on January 5, and all proceeds support the Garden's Horticulture division. More information at [mobot.org/wreathauction](http://mobot.org/wreathauction).

## Stephen and Peter Sachs Museum

Open daily (closed December 25) | 9:30 a.m.–5 p.m.

You've seen it decked with holiday lights during Garden Glow, now visit the Sachs Museum during the winter season. The Sachs Museum is open every day during regular daytime hours (check website for special holiday hours). Escape the cold as you gaze up at the historic ceiling mural and explore select items from the Garden's many collections. Be sure to follow the Sachs Museum on Twitter: @MobotMuseum.

## Garden Glow Member FAQ

### When is the Member Preview Night?

Friday, November 22. Advance tickets are required.

### What are the dates of Garden Glow?

November 23–January 4.

### Is Garden Glow closed any nights?

December 9, 24, and 25.

### What are the hours?

5–10 p.m. each night.

### How much are member tickets?

\$14–\$16 member adults, depending on the night. \$3–\$8 member children, ages 3–12, depending on the night.

### How do I purchase member tickets?

Visit the ticket counter or [mobot.org/glow](http://mobot.org/glow).

### How many member tickets can I purchase?

The number of adult tickets is based on your membership level. Garden-level members can purchase up to two adult tickets per night at the member price. Members may purchase as many member child tickets as needed by the member household.

### How do Festival-level members get their free tickets?

Visit [mobot.org/festivalmembers](http://mobot.org/festivalmembers) or call (314) 577-5118 to request free tickets. Giving Society members may call (314) 577-5173 or email [donors@mobot.org](mailto:donors@mobot.org).

### Are tickets timed?

Tickets are both dated and timed. Times begin at 5 p.m. each night. Last entry is at 9 p.m.

### What's the best night to attend Garden Glow?

Mondays and Tuesdays are the quietest nights with the lightest crowds. Wednesday Family Nights offer \$3 tickets for all children, member or nonmember. See schedule.

### Is food available?

Dining is offered in Sassafras (last entry 8 p.m.) and in Café Flora (open Friday and Saturday through December 18, nightly December 19–January 4 until 9 p.m.). Add dining to your ticket purchase with the Dine + Glow option (\$13 per person; includes one entree and one soft drink per adult, one child's entree, drink, and dessert per child).

### Is the shop open?

The Garden Gate Shop is open 5–10 p.m. each Garden Glow night.

**Learn more at [mobot.org/glow](http://mobot.org/glow).**

# just for members



i

Information and registration at (314) 577-5118 or [mobot.org/memberevents](http://mobot.org/memberevents) unless otherwise noted.



## Member Appreciation Days

November 11–17

Members are at the heart of all we do. We are saying “thank you” to YOU—our family of members—with a week of supersized membership benefits. Enjoy exclusive free events, shopping perks, and extra discounts, including 20% off new, renewed, or gift memberships!

### Bascom House Tours

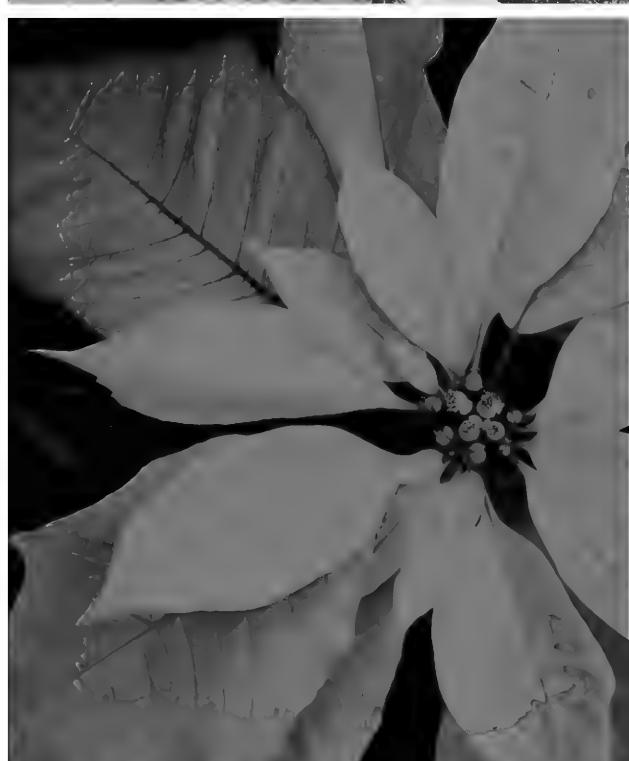
November 14 | 10 a.m.–noon  
Tours depart at 10 and 11 a.m.  
**Shaw Nature Reserve**  
Built in 1879, the Bascom House is the oldest remaining building at Shaw Nature Reserve. Learn more about the history of the house and adjacent garden. FREE for members; registration required.

### Garden Glow Member Preview

*Presented by Wells Fargo Advisors*  
Friday, November 22  
5–10 p.m.  
Celebrate the season on a members-only night! More than one million dazzling lights illuminate the Garden with new displays and annual favorites. Advance tickets recommended. \$16 members; \$8 member children; FREE for Festival-level members and above.

### Breakfast with Santa

*Presented by Macy's*  
Saturday, December 7  
8–11:30 a.m.  
Visit with Santa as he makes his yearly stop at the Garden for our members-only breakfast. Enjoy live music, crafts, and opportunities to take photos with Rudolph, Frosty, and Mrs. Claus. \$20 members; \$15 member children; registration required.



## **Member Speaker Series: Green is Happening HERE!**

Tuesday, January 14

11 a.m.–noon

Shoenberg Theater

Kick off the new year with “Green” Jean Ponzi, the Garden’s Green Resources Manager, to discover the range of sustainable enterprises at work around St. Louis, and how you can get involved.

FREE for members;  
registration required.

## **Orchid Show Member Preview**

Friday, January 31

7:30–9:30 p.m.

Members see it first! Enjoy a members-only evening viewing of the 2020 Orchid Show, featuring beautiful orchids from the Garden’s historic collection. Also enjoy live music, drinks from a cash bar, and shopping in the Garden Gate Shop. FREE for members.

## **Member Speaker Series: Orchids at Home**

Saturday, February 1

11 a.m.–noon

Join Garden orchid expert Babs Wagner to discuss practical tips to care for orchids at home. Babs will take audience questions and share best practices from the Garden’s own orchid collection. FREE for members; registration required.

## **St. Louis Garden Tour**

Sunday, June 14

9:30 a.m.–4:30 p.m.

Save the date! The triennial St. Louis Garden Tour returns next summer for members only. Tour eleven private gardens around our community to be inspired by a variety of garden styles. All funds raised by the event support the Missouri Botanical Garden. Full invitation and ticket information coming in the next *Bulletin*.

# special events

## Kwanzaa: Festival of the First Fruits

December 30 | noon–4 p.m.  
Ridgway Visitor Center

This contemporary African-American holiday centers around the feast table of the harvest. Join us for a day of storytelling, craft and jewelry displays, and musical performances. Included with Garden admission.



## Holiday Wreath Display and Auction

November 22–January 4  
Bayer Hall

View unique creations donated by some of the area's finest floral designers. Wreaths are sold by silent-auction bidding with proceeds benefiting the Garden's Horticulture Department. Bid in person or online at [mobot.org/wreathauction](http://mobot.org/wreathauction).



## Trivia Night—Garden Style

February 29 | Doors open at 6 p.m. | Trivia begins at 7 p.m.  
Ridgway Visitor Center

Grab your team and join the Young Friends of the Garden for 10 rounds of trivia. Enjoy admission to the Orchid Show, a wine pull, silent auction, 50/50 raffle, and attendance prizes. Beer, soda, and water included. Outside food welcome. Proceeds support the Garden's Sustainability division. \$350/table of 10. Attendees must be at least 21. Advance tickets required. [mobot.org/trivia](http://mobot.org/trivia)

## Chanukah: Festival of Lights

December 22 | noon–4 p.m.  
Ridgway Visitor Center

This traditional Jewish holiday celebration includes Israeli music and dance, a menorah-lighting ceremony, and Chanukah merchandise provided by local vendors. Included with Garden admission.



## Gardenland Express Holiday Flower and Train Show

Presented by Wells Fargo Advisors  
November 23–January 1

Delight in model trains traveling through a festive holiday landscape populated with blooming poinsettias and other holiday plantings. Free for members and included with Garden Glow admission.

## Saturday with Santa: Carols in the Garden

December 7 | 1–4 p.m.

Enjoy traditional Christmas carols performed by local choirs while your children or grandchildren get their photo taken with Santa. Included with Garden admission.



## Celebration of Black History Month

February 1–29

The Garden honors African-American heritage and history with activities and performances throughout February. Included with Garden admission.



# shop & dine

From gardening tools and unique toys to vintage items and local products, the Garden shops have just what you're looking for. Look for these icons to know where each event or sale is taking place.

## Garden Gate Shop

4344 Shaw Blvd.  
St. Louis, MO 63110  
Monday–Sunday  
9 a.m. to 5:30 p.m.  
(314) 577-5137

## Butterfly House Gift Shop

15193 Olive Blvd.  
Chesterfield, MO 63017  
Tuesday–Sunday  
10 a.m. to 4 p.m.  
(314) 577-9477

## Little Shop Around the Corner

4474 Castleman Ave.  
St. Louis, MO 63110  
Tuesday–Saturday  
10 a.m. to 4 p.m.  
Sunday, noon to 4 p.m.  
(314) 577-0891

## Seasonal Closings

The Butterfly House, including its gift shop, is closed January 6–24 and Little Shop Around the Corner is closed January 1–31 for annual inventory and maintenance work. Please mark your calendars and don't forget to stop by in February for more events and great sales.

JUST  
FYI

## First Fridays are Member Double Days

First Friday of each month |

All Garden members receive 20% off purchases or double punch card punches on the first Friday of each month.



## Dine + Glow

November 22–January 4 | 5–8 p.m.

Enjoy your favorite Sassafras items, available à la carte, during your Garden Glow visit, or add our Dine + Glow package when you purchase your tickets and enjoy an entrée and a drink for \$13 for adults or a kid's menu item, dessert, and drink for \$8 for children.

## Little Shop Around the Corner Pre-Christmas Sale

December 20–22 | 10 a.m.–4 p.m. Friday and Saturday; noon–4 p.m. Sunday |

Save 20% off throughout the shop. Members receive their additional 10% discount. Some exclusions apply.

## Little Shop Around the Corner Year-End Clearance Sale

December 26–31  
10 a.m.–4 p.m. Tuesday–Saturday  
noon–4 p.m. Sunday |

Start the year off right with 50% off unique vintage items for your home. No additional discounts apply. See shop for details.



## Little Shop Around the Corner Grand Re-Opening Sale

February 1–2 | 10 a.m.–4 p.m. Saturday; noon–4 p.m. Sunday |

Get a first look at the latest additions to the shop and save 10% throughout. Additional member discount applies. Some exclusions apply.

## » staff picks



## 2020 Garden Wall Calendar

Plan your visits and enjoy gorgeous views of the Garden, Butterfly House, and Shaw Nature Reserve all year long. The Garden wall calendar features beautiful, frame-worthy photographs for each month of the year. Available for just \$10 at the Garden Gate Shop or online at [gardengateshop.org](http://gardengateshop.org).

# commemorative gifts



Experience fall foliage at its finest at Shaw Nature Reserve.

July–September 2019  
A commemorative gift is a wonderful way to honor family and friends. Gifts of \$100 or more are listed in the *Bulletin*. For more information about giving opportunities, call (314) 577-5118 or make a commemorative gift at mobot.org/tributes.

## In Honor of

**Ellie Broyles**  
Darrell Eilers  
**Katy Dowd and Mark Mutert**  
Maritta and John Cronin  
**Mrs. Brenda Dribin**  
Ms. Tracey Guthrie  
**Mrs. Laura Herring**  
Ms. Elizabeth Hudson and Mr. Boyd Matson  
**Ms. Jessica S. Kester**  
The von Gontard Family Foundation  
**The Kevin Kobielsz Family**  
Plaza BMW  
**Mr. and Mrs. Bradford Koeneman**  
Mr. and Mrs. James R. Steiner  
**Kathy Kuehn**  
Sally and Eric Johnson

**Mr. and Mrs. Charles K. Miller**  
Mr. and Mrs. Sam Hinchcliff  
Phil and Nancy Voss  
**Dr. Alan B. Silverberg and Ms. Kim Beisman**  
Dr. and Mrs. Jerrold J. Lander  
**Ms. Sandra H. Stemmler**  
Mrs. Nora R. Stern  
**Dr. Peter S. Wyse Jackson**  
National Garden Clubs, Inc.

## In Memory of

**Mr. Ronald W. Andracsek**  
Mrs. Claire Andracsek  
The Patrick Frank Family  
Lois, Jim, Bryan, Angela, Kevin, Erin, and Drew  
John Tuley and Elodee Tuley  
**Eleanor Grace Braun**  
Genevieve Cortinovis  
**Patricia Bruneau**  
Ron and Marcia Billie  
**Mrs. Nancy Burton**  
Mr. Coleman H. Burton  
**Arthur H. Crapsey**  
St. Louis Master Gardeners  
**Mrs. Lorraine E. Dendtler**  
Mr. Dale B. Dendtler  
**Frances Barber Dorrance**  
Connie and Gene Kahn

**Elizabeth R. Ruwitch**  
Lucia B. Bell  
**Grace Farley**  
The Ottinger and Eberhart Families  
**Oma Jean Fox**  
Mr. and Mrs. Christopher Mallow  
**Medha Gautam**  
Sunil and Leah Kumar  
**Charlie Gillis**  
The Chambers Family  
**Gwen Green**  
St. Louis Master Gardeners  
**Sara Louise Johnson**  
Don and Shellie Bricker  
Denise Kennett  
**Patrick Kennedy**  
Ann L. Case

**Robert Kern**  
Mr. Flint A. Boettcher and Ms. Janet Solecki  
**Mrs. Mary Anne Lucas**  
Tim and Beth Bates  
Mr. and Mrs. Edward Bellamy  
Jen Blum  
Kelly Burke  
Joan and Hank Diester  
Christy Lucas  
Melissa Lucas  
Nick Lucas  
Kathy Repole  
Lauren Repole  
**Barbara Marie Lombardo**  
Dr. and Mrs. James M. Freer

**Ms. Vera Murphy**  
Mrs. June Greenfield King  
Doris M. Stokes  
**Ms. Alma Reitz**  
St. Louis Master Gardeners  
**Mr. and Mrs. Harry S. Rosenberg**  
Jeffrey Dreyer  
**Margaret Shepley**  
Carol A. Gruen  
Mrs. LaVerna E. Meyer  
**John J. Shillington**  
Twenty Grand Investment Syndicate  
**Mark Reid's Sister**  
Plaza BMW  
**Mrs. Estalee Smith**  
Carol A. Gruen  
**Bill Snyder**  
Mr. and Mrs. Joseph Snyder  
**Joan Stabenow**  
Mrs. Jan Latta  
**Dr. John A. Stephens**  
Bruce and Laura Buckland  
**Richard Swaine**  
Mr. and Mrs. L. Peeler  
Bass Pro Shops Headquarters  
**Dr. James L. Zarucchi**  
Compton Heights Neighborhood Betterment Association

## MEMBERS ENTRY COURT

July–September 2019  
For more information, call (314) 577-5118 or visit mobot.org/donate.

## Engraved Bricks

**Mardan Abrath**  
Fred Abrath  
**Thomas P. Barnett**  
Cecilia Barnett  
**Mr. Gene Bryant, Jr.**  
Tina M. Heuer  
**Mitchell Lane Culliton**  
Mr. and Mrs. Richard L. Tognarelli

**Kathy Durel**  
Justin Durel  
**Gavin H. Glueck**  
Christine Craig  
**David J. Heffner**  
Mr. and Mrs. Mark S. Weber  
**Kathleen Huelsing**  
Friends and Family of Kathy Huelsing  
**Jubilee Viola Jakubowski**  
Joseph Jakubowski  
**Maureen P. Kellett**  
Karen Hoelting  
**Carrie Jo Reeser King**  
Shawn Reeser  
**Jane Harstine Kostelc**  
James G. Kostelc  
**Tom O'Driscoll**  
Ruby O'Driscoll  
**Dorothy Oesterly**  
The Friends and Family of Jeanette Oesterly  
**Linda A. Orentas**  
Linda A. Orentas  
**Alan Schneider**  
Peg Schneider  
**M.J. Stancil and P. Vogelsang**  
K. Sue Schooler

## BUTTERFLY HOUSE

July–September 2019  
For more information, call (314) 577-5118 or visit butterflyhouse.org/donate.

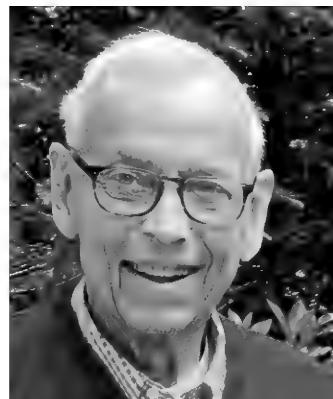
## Engraved Pavers

**Diane Kaullen**  
Karen Bray  
**Barbara Marie Lombardo**  
Ms. Danielle Albright  
**Jeanne Verrilli**  
Ron Verrilli  
**Therese Wallace**  
The Wallace Family

# commemorative gifts

## In Memoriam: Geoffrey Rausch

The Garden remembers friend, supporter, and landscape architect Geoffrey L. Rausch, who passed away in July of this year. Geoff was the planner and designer of more than 60 botanical gardens and arboreta throughout the United States and Canada, including the Missouri Botanical Garden.



Geoff began his career in landscape architecture in Pittsburgh, Pennsylvania with Simonds and Simonds (later to become Environmental Planning and Design). In 1999, the organization Marshall, Tyler, Rausch, LLC split from the original firm to concentrate on botanic garden development. Geoff's clients included Atlanta Botanical Garden, Chicago Botanic Garden, Bloedel Reserve, Daniel Stowe Botanical Garden, U.S. National Arboretum, National Tropical Botanical Garden, and others.

At the Missouri Botanical Garden, Geoff was largely responsible for planning the outlines of the modern Garden grounds. Major projects included the placement of *Seiwa-en*, the Japanese Garden, and the location and layout of the William T. Kemper Center for Home Gardening. He was also instrumental in the development of Ridgway Visitor Center, which reoriented the visitor experience and changed the layout of the Garden. His work made it possible to use the entire 79-acre grounds to their best advantage.

Geoff was the master planner or a substantial design contributor for five American Society of Landscape Architects Medallion sites: Chicago Botanic Garden, Atlanta Botanical Garden, Riverbanks Zoo, and Toledo Botanical Garden, and the Missouri Botanical Garden.

Geoff received well-deserved recognition for his body of work. In 2003, was honored as a Fellow of the American Society of Landscape Architects. In 2006, he was awarded the Henry Shaw Medal, the highest honor the Garden can bestow, for "a significant contribution to the Missouri Botanical Garden, botanical research, horticulture, conservation, or the museum community."

Millions of visitors to botanical gardens, zoos, and other cultivated landscapes enjoy Geoff's work each year. We are proud to be a part of that legacy.

## In Memoriam: Jonathan Kleinbard

The Garden remembers retired Deputy Director Jonathan Kleinbard, who passed away in October. Jonathan was a member of the Missouri Botanical Garden's leadership staff for seven years.

He retired from the Garden in 2004, but his impact on our community is clearly seen today.



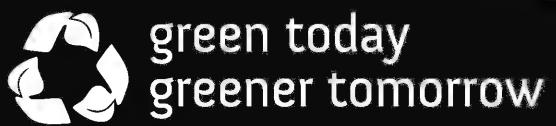
One of Jonathan's major achievements was his work to lead the revival of the McRee Town district northeast of the Garden and its transformation into what is now Botanical Heights, enhancing the Garden's stature as a community member and a partner in the neighborhoods directly beyond our landscape. Jonathan brought his prior experience as Vice President of the University of Chicago and with neighborhood revitalization to St. Louis. Jonathan helped lead the efforts to create the Garden District Commission, which has subsequently overseen and facilitated the further development of the area.

Jonathan worked tirelessly with Garden Trustees, then Director Dr. Peter H. Raven, funders, and city partners to raise more than \$18 million to support the rejuvenation efforts. Today, the neighborhood is a thriving community with a mix of new and rehabilitated homes; renovated apartments; highly respected public, parochial, and charter schools; and offices, shops, restaurants, and technology-based businesses.

We are grateful for the expertise Jonathan brought to the Garden and to our community.



Stone basin in the Japanese Garden, Seiwa-en.



The Missouri Botanical Garden strives to make the most sustainable choices possible to benefit people, plants, and the planet. That's why we offer an interactive online version of the *Bulletin* as well as a downloadable PDF. Sign up by sending an email to membership@mobot.org. Let us know if you'd like to forego your paper subscription.

You can also send an email if:

- Your name is misspelled
- Your address is incorrect
- You receive more than one copy
- You no longer wish to receive the *Bulletin*



MISSOURI BOTANICAL GARDEN  
4344 Shaw Blvd. • St. Louis, MO 63110

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## ORCHID SHOW

February 1–March 22  
[mobot.org/orchidshow](http://mobot.org/orchidshow)



**Winter Jewels**  
AN ENCHANTED CELEBRATION

November 5–December 31  
10 a.m. to 4 p.m.  
Sophia M. Sachs Butterfly House

Presented by 

[butterflyhouse.org](http://butterflyhouse.org)



MISSOURI BOTANICAL GARDEN

# calendar

[mobot.org/events](http://mobot.org/events)

december | january | february

**Garden Glow**  
November 23–January 4

Presented by 

[mobot.org/glow](http://mobot.org/glow)



## Trivia Night— *Garden Style*

February 29  
Doors open 6 p.m. | Trivia at 7 p.m.  
Ridgway Visitor Center

Grab your team and join the Young Friends of the Garden for 10 rounds of trivia. Enjoy admission to the Orchid Show, a wine pull, silent auction, 50/50 raffle, and attendance prizes. Beer, soda, and water included. Outside food welcome. Proceeds support the Garden's Sustainability division. \$350/table of 10. Attendees must be at least 21. Advance tickets required.

[mobot.org/trivia](http://mobot.org/trivia)



**Holiday Wreath  
Display and Auction**

November 22–January 4

Included with Garden admission

Bayer Hall is decked with lavish creations donated by St. Louis's finest florists. Each unique wreath is available for purchase through silent auction. The annual fundraiser is coordinated by the Garden Members' Board. Proceeds benefit the Garden's Horticulture division.

[mobot.org/wreathauction](http://mobot.org/wreathauction)

# december 2019

average temperature: low 25° | high 42°  
average precipitation: 2.86 in.

## What's in bloom?



Camellia      Lion's ear      Cactus

**11/5–12/31** Winter Jewels | 10 a.m.–4 p.m. (closed on Mondays, Nov. 28, Dec. 24–25) | BH

**11/5–12/31** Books and Butterflies | 11 a.m. Tuesdays–Fridays (closed on Mondays, Nov. 28, Dec. 24–25) | BH

**11/17** Winter Jewels Member Morning | 9–10 a.m. | BH

**11/22–1/4** Holiday Wreath Display and Auction  
9 a.m.–4 p.m. | RVC

**11/23–12/29** Victorian Christmas at Tower Grove House  
Wednesdays–Sundays | 10 a.m.–4 p.m.

**11/23–1/1** Gardenland Express | 9 a.m.–4 p.m. | \$ RVC  
Presented by Wells Fargo Advisors

**11/23–1/4** Garden Glow | 5–10 p.m. | closed Dec. 9, 24, and 25  
\$ | Presented by Wells Fargo Advisors

**12/6** Member Double Days | GGS, BHGS

**12/7** Breakfast with Santa | 8–11:30 a.m. | \$ RVC  
Presented by Macy's

**12/7** Saturday with Santa: Carols in the Garden  
1–4 p.m. | RVC, SP

**12/13–12/15** Supper with Santa | 5:30–7:30 p.m. | BH

**12/20–12/22** Supper with Santa | 5:30–7:30 p.m. | BH

**12/20–12/22** Little Shop Around the Corner Pre-Christmas Sale  
Friday and Saturday | 10 a.m.–4 p.m.  
Sundays | noon–4 p.m. | LS

**12/22** Chanukah: Festival of Lights | noon–4 p.m. | RVC

**12/26–12/31** Little Shop Around the Corner 50% Off Year-End  
Clearance Sale | Tuesdays–Saturdays | 10 a.m.–4 p.m.  
Sundays | noon–4 p.m. | LS

**12/30** Kwanzaa: Festival of the First Fruits | noon–4 p.m. | RVC

# january 2020

average temperature: low 21° | high 39°  
average precipitation: 2.14 in.

## What's in bloom?



Flowering quince      Chinese witch hazel      Bloodtwig dogwood

**11/22–1/4** Holiday Wreath Display and Auction  
9 a.m.–4 p.m. | RVC

**11/23–1/1** Gardenland Express | 9 a.m.–4 p.m. | \$ RVC  
Presented by Wells Fargo Advisors

**11/23–1/4** Garden Glow | 5–10 p.m. | closed Dec. 9, 24, and 25  
\$ | Presented by Wells Fargo Advisors

**1/1–1/31** Little Shop Around the Corner is closed through January 31.

**1/1–3/27** Tower Grove House is closed through March 27.

**1/6–1/24** Butterfly House closed through January 24.

**1/3** Member Double Days | GGS, BHGS

**1/14** Member Speaker Series: Green is Happening  
HERE! | 11 a.m.–noon | BH

**1/18** Tiki in the Tropics | 3–5 p.m. | \$

**1/25–1/26** Hot! Hot! Hot! | 10 a.m.–4 p.m. | BH

**1/31** Orchid Show Member Preview | 7:30–9:30 p.m.  
Free for members | RVC



# february 2020

average temperature: low 26° | high 44°  
average precipitation: 2.28 in.

## What's in bloom?



Jade plant      Hellebore      Snowdrop



**1/1–3/27** Tower Grove House is closed through March 27.

**2/1** Member Speaker Series: Orchids at Home  
11 a.m. | GGS, BHGS

**2/1–3/31** Morpho Mardi Gras | 10 a.m.–3 p.m. (closed on Mondays) | BH

**2/1** Little Shop Around the Corner Re-Opens  
Tuesdays–Saturdays | 10 a.m.–4 p.m.  
Sundays | noon–4 p.m. | LS

**2/1–2/2** Little Shop Around the Corner Grand  
Re-Opening Sale | 10 a.m.–4 p.m. Saturday,  
noon–4 p.m. Sunday | LS

**2/1–3/29** Orchid Show | 9 a.m.–5 p.m. | Free for members  
\$ RVC

**2/6** Orchid Nights | 6–8 p.m. | RVC

**2/7** Member Double Days | GGS, BHGS

**2/13** Orchid Nights | 6–8 p.m. | \$ RVC

**2/14** Friday Night Flights | 5:30–7:30 p.m. | BH

**2/20** Orchid Nights | 6–8 p.m. | \$ RVC

**2/21** Friday Night Flights | 5:30–7:30 p.m. | BH

**2/29** Trivia Night—Garden Style! | 6–10 p.m. | BH

**2/28** Orchid Nights | 6–8 p.m. | \$ RVC

# your garden



## Should I remove accumulated snow from my shrubs?

If heavy, wet snow starts accumulating on shrubs, it can weigh the branches down and potentially cause them to snap. Multi-stemmed evergreens such as junipers and boxwoods are particularly susceptible to damage from heavy snowfall. Excess snow can be removed from shrubs by using a broom to gently sweep along the branches in an upward direction. Pushing down on or shaking the branches may increase the risk of damage to the plant. If the snow is caked on and unable to be removed, simply wait for the snow to melt naturally. For most shrubs and trees, if the branches are bent but not broken they will eventually recover and return to their upright postures on their own. When shoveling sidewalks and driveways, avoid piling heavy, wet snow onto nearby shrubs. Large trees should be left alone when heavy snow starts to weigh them down. Do not stand under snow-laden trees or try to shake them. Wait until it is safe and the weather clears before taking care of any broken limbs.

Find more advice and tips at [mobot.org/gardeninghelp](http://mobot.org/gardeninghelp).

## Plant Societies' Shows and Sales

Get the latest information about your favorite plant society's show and sale by visiting [mobot.org/plantsocieties](http://mobot.org/plantsocieties).

**Key** (All events take place at the Garden unless otherwise noted.)

BAY	Bayer Hall (in RVC)	GGS	Garden Gate Shop
BC	Bayer Center	JE	Jordan Education Wing (in RVC)
BH	Butterfly House	KC	Kemper Center for Home Gardening
BHGS	Butterfly House Gift Shop	LS	Little Shop Around the Corner
CA	Cohen Amphitheater	RVC	Ridgway Visitor Center
CBC	Commerce Bank Center for Science Education	SNR	Shaw Nature Reserve
CHD	Children's Garden	SP	Spink Pavilion
CL	Climatron lawn	ST	Shoenberg Theater (in RVC)

Sassafras  
 Members-only event  
 Double punches at Garden Gate Shop  
 Double punches at Garden Gate Shop  
 Reservations required  
 Fee required

photos by (front) Justin Barr, Tom Incrocci, Kat Niehaus, and Sundos Schneider.

(this page) Claire Cohen, Suzann Gille, Lisa DeLorenzo Hager, Tom Incrocci, Cassidy Moody, Kat Niehaus, Wesley Schaefer, and Sundos Schneider.

# bulletin

 MISSOURI BOTANICAL GARDEN

Spring 2020  
Vol. 109, No. 2  
[mobot.org](http://mobot.org)



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Thank you! Your membership provides critical support for our international and local plant science and conservation work, and Garden memberships and contributions provide 24% of our annual operating funds.

To learn more about the benefits of your membership, visit [mobot.org/membership](http://mobot.org/membership), email [membership@mobot.org](mailto:membership@mobot.org), or call (314) 577-5118.

### hours and admission

For hours and admission prices at our three locations, visit [mobot.org](http://mobot.org), [butterflyhouse.org](http://butterflyhouse.org), and [shawnature.org](http://shawnature.org).

### contact

Missouri Botanical Garden  
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St. Louis, MO 63110  
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### on the cover

The Azalea and Rhododendron Garden bursts to colorful life in late April/early May. Photo by Sundos Schneider.

### credits

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*To discover and share knowledge about plants and their environment in order to preserve and enrich life.*

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# from the president



The first months of each year signal many new beginnings, and that is true too at the Missouri Botanical Garden, Sophia M. Sachs Butterfly House, and Shaw Nature Reserve. We are busily preparing for our springtime celebrations and classes, eagerly anticipating the most active growing season, and looking forward to

welcoming new blooms, new projects, and new visitors.

The new Jack C. Taylor Visitor Center remains in the forefront of our activity, and visitors will be able to see that work has begun (see page 10). We will be able to move forward on this transformational project with minimal disruption to our day-to-day operations, ensuring the beauty of the Garden remains as you expect it, and that your visits are as rewarding as ever.

Beginning this spring with our annual Chinese Culture Days festival, our grounds will also host *Origami in the Garden* (see page 14), a sculpture exhibit to showcase the way plants make paper, paper makes art, and art transforms into monumental steel displays. Plants are always at the heart of all our activities—from runs through the daffodils (see page 9) to botanical drinks under the cherry blossoms (see page 20) to a Gardenwide celebration of our water lily collection (see page 16).

As you prepare to enjoy being outdoors soon this spring, I hope you will also consider enjoying some gardening inspiration with the St. Louis Garden Tour on June 14. This event is offered every three years, only for our members, and features some of the most impressive home gardens around our community.

And whatever you do to connect with nature, please know how much you are welcome each day at the Garden, Butterfly House, and Nature Reserve. We look forward to the visits, comments, and memories of our members, volunteers, and closest friends. It is with your support that our global conservation and community education work continues, and we so enjoy sharing all we do with you!

Dr. Peter Wyse Jackson, President

# what's new?



## Stephen and Peter Sachs Museum Honored with AIA Craftsmanship Award

The recent restoration and addition to the Sachs Museum was recently awarded the American Institute of Architects (AIA) St. Louis 2019 Design Award in the Craftsmanship category. “The award is given to local firms for superior craftsmanship in the construction industry in a specific trade profession,” the AIA announcement of the award states. “The winning projects represent great skill, patience, and attention to detail of the craftsmen, who beautifully carry out the design intent of some of St. Louis’s most expressive and complex building projects.”

The award was given to Christner, Inc. and Fenton-based masonry contractor Grant Contracting Co., Inc. for their work on the building, with specific attention noting that the new wing provides an accessible entrance—a much-needed modern update—and provides a complementary companion to the original building in the simplicity of its design and shape.

## EarthWays Center's Richard Reilly Chosen for Two Community Engagement Programs

Richard Reilly of the Garden's EarthWays Center was accepted into the Regional Arts Commission's Community Arts Training (CAT) Institute, an esteemed arts program with a focus on connecting working artists with social workers, educators, activists, and policy-makers with the goal of creating relevant, impactful arts programs with the power to effect positive change in the community.

He was also appointed to the Creating Whole Communities (CWC) Advisory Leadership Team, which aims to bring together the University of Missouri-St. Louis, University of Missouri Extension, and St. Louis neighborhoods to grow the relationships between these communities.



Richard Reilly



The Climatron under construction in 1959.

## Garden Commemorates Climatron's 60th Anniversary

The Climatron®—the first greenhouse to utilize the geodesic dome design pioneered by architect and futurist R. Buckminster Fuller—turns 60 this year, and we're using the occasion to share Climatron stories and highlight the unique role this iconic conservatory plays in the Garden's work and the St. Louis community.

Visit a new page on our blog at [discoverandshare.org/climatron60](http://discoverandshare.org/climatron60) to view archival video, construction photos, and more. This page will continue to grow throughout the year, and we encourage you to participate in the effort by sharing your memories and reflections on the Climatron on social media with the hashtag #Climatron60.

Follow the QR code or visit the Garden's YouTube channel to watch a variety of Climatron videos, including archival footage.



## **Grow Solar St. Louis Soars Past Its Goal**

The Grow Solar St. Louis program, founded in 2019 in partnership between the Garden's EarthWays Center, the Midwest Renewable Energy Association, and Washington University, has exceeded its goal of contracting between 150 and 250 kilowatts of solar power in its first year. Grow Solar St. Louis offers free solar education sessions and the opportunity to purchase through a group, significantly decreasing the cost of solar installations through volume purchasing.

The group's results nearly doubled its goal in 2019, with 424 kilowatts of clean, renewable energy now under contract for 71 homes in the cities of St. Louis City, University City, Richmond Heights, and Maplewood. These installations are calculated to reduce CO<sub>2</sub> emissions by 821,810 pounds in their first year alone. Due to the program's early success and ongoing public interest, plans are now underway to run a second year of Grow Solar St. Louis this coming spring. Visit [growsolar.org/stl](http://growsolar.org/stl) to learn more.



An example of a home solar installation.



## **Linnean House Renovations Begin This May**

The Linnean House conservatory will undergo one of the most significant renovations in its 138-year history over the course of the summer as part of Phase 1 construction of the Jack C. Taylor Visitor Center (see page 10). In addition to structural changes and a return to its function as an orangerie, the Linnean House will also receive brand-new windows as ongoing replacement work continues concurrently with construction. To prepare for the changes, the Linnean House will close April 1 and remain closed through October.



Conservation staff perform a prescribed burn at Shaw Nature Reserve.

## **Winter Conservation Work Advances at Shaw Nature Reserve**

During the winter, conservationists at Shaw Nature Reserve conduct periodic prescribed burns as part of their efforts to maintain safe, healthy native habitats across its 2,400+ acres. In their natural state, the prairies, glades, and forests that make up the Nature Reserve would experience occasional fires, and plants that are native to the area rebound from these fires and thrive in their aftermath. Most invasive plants, however, are not adapted to these conditions, so prescribed burns can be an effective way to simultaneously encourage native plant growth and discourage invasive species from overtaking the landscape. Learn more about prescribed burns and other conservation efforts at Shaw Nature Reserve on our blog at [discoverandshare.org](http://discoverandshare.org).

# research news



Attendees of the 12th Council meeting came from across the world to gather and discuss the World Flora Online project.

## Garden Hosts World Flora Online Meeting

In November, the Garden hosted the 12th Council meeting of the World Flora Online project, a web-based public resource that, upon completion, will catalog and describe every plant species on Earth. Representatives from our partner institutions from across the globe came to the Garden to review progress on this global plant database and to prepare the next steps in our 2020 plans. To date, 1.3 million plant names have been recorded in the database. World Flora Online will be an invaluable tool for plant scientists, policy makers, and conservation leaders.

## New Plant Discoveries in 2019

Each year, the Garden's Science and Conservation staff discover and name about 200 plant species new to science. That's about 10 percent of all plant species discovered by scientists worldwide annually.

We're still counting all of the discoveries made in 2019, but you can view 10 highlights from the hundreds described last year on our blog at [discoverandshare.org](http://discoverandshare.org).



*Schradera condorica*, one of the hundreds of new plant species discovered by Garden scientists in 2019.

## Study by Garden Researcher Identifies Critical Extinction Risk in African Flora

As noted in *The Guardian*, a new study led by Garden researcher Tariq Stévert suggests that one-third of all tropical African plant species are at risk of extinction. The study uses a new, faster approach to flag plants as potentially endangered so experts can identify the regions in most desperate need of an official Red List classification, a crucial first step in conserving these high-risk plants.

## A Mathematical Approach to Conservation



Adam Smith  
Assistant Scientist

Studying climate change can be bleak, but Adam Smith, Assistant Scientist at the Garden's Center for Conservation and Sustainable Development (CCSD), approaches it like a doctor. "You want to find the right balance between caring and being desensitized," Smith explains.

Smith uses mathematical models to understand how plants and other organisms respond to climate change, creating maps that look at what will happen to specific species decades into the future. Will they move farther north? Will climate change eliminate their habitat all together? That information is then used to make conservation decisions.

In addition to climate data, Smith's models consider how plants have responded to rapid climate change in the past to predict how they will respond in the future. Most species shifted their growing range as temperatures increased instead of adapting to warmer climates. That gives scientists confidence in the models' future projections. It can also be combined with other data, like genetic analysis performed by Garden conservation geneticists, to help make conservation decisions.

"What it all focuses around in the end is attempts to preserve these things that could persist for millions of years and yet, due to a simple administrative decision or the desire to make a quick buck, we can drive these species to extinction basically in the snap of a finger."



## Garden Researcher Honored by Colombian Botanical Congress

Dr. Charlotte Taylor was recently inducted as a Corresponding Member of the Colombian Botanical Association, an honor that is reserved for Colombian botanists except in rare instances. The honor was accompanied by an award recognizing Taylor's contributions to botanical research in the Neotropics. The award was presented to Taylor last August at the Tenth Colombian Botanical Congress in Florencia, Caquetá, Colombia, where she also presented a keynote address on the Rubiaceae family in the flora of Colombia and a symposium discussion on the genus *Psychotria* in the Neotropics.



Worker southern plains bumble bee (*Bombus fraternus*) observed at the Litzsinger Road Ecology Center last October; male *B. fraternus* specimen collected in 2001 by Dr. Richard Clinebell.

## Rare Bee Species Rediscovered at Litzsinger Road Ecology Center

A worker southern plains bumble bee (*Bombus fraternus*)—listed as endangered by the International Union for Conservation of Nature—was recently rediscovered by James Faupel, Restoration Ecology Coordinator at the Garden's Litzsinger Road Ecology Center (LREC) in Ladue, Missouri. The Center's 30-year-old reconstructed prairie provides the perfect natural habitat for this rare pollinator, which has not been observed there in 19 years. The LREC prairie is one of only three locations where this declining bumblebee has historically been recorded within the St. Louis region. Surveys of the prairie in 2020 will hopefully confirm if there is indeed a thriving population there.

photography by James Faupel



## Curator's Corner: Sachs Museum

The special exhibition opening at the Stephen and Peter Sachs Museum on April 17 will feature stars of the living collections of the Missouri Botanical Garden: the water lily collection!

On view until November 1,

*Nymphs of the Garden: The*

*Water Lilies by Arslan*

share botany, horticulture,

and behind-the-scenes

elements which have made

the Garden's collection one

of the best in the world.

This exhibition will feature

contemporary artwork by

New York-based artist Arslan

to pay homage to Claude Monet's famous water lily series, *Les Nymphéas*—on view at the Musée l'Orangerie in Paris—by creating site-specific

pieces that will be on display throughout the Sachs Museum. The Garden's historic and horticulturally significant water lilies inspired Arslan's wall-to-wall art installation, which will be displayed alongside

the Garden's specimens.

We're also thrilled to announce a unique community collaboration taking place at the Sachs Museum on May 3, with the members of the Bach Society of St. Louis, who will be performing two concerts in the Museum. As part of the Bach Society's 2020 Bach Festival, the Sachs Museum and Garden are hosting afternoon concerts by orchestra members playing the harpsichord, cello, and flute. The program will feature Bach's compositions for intimate spaces and small audiences. Seating will be limited, and advanced tickets are highly recommended. Garden members receive a discount on tickets, while supplies last.

We are planning more future collaborations with other really wonderful St. Louis organizations, so we're excited to see what fruitful relationships materialize at the Sachs Museum!

—Nezka Pfeifer, *Museum Curator*



Top: Herbarium specimen board for the Tropical water lily, *Nymphaea 'Director George T. Moore'*.

Bottom: *Reflections* by Arslan.

# what can you do?



## Honor Someone Special with a Gift Membership

Celebrate a beloved educator, newlywed couple, or mom in your life with the gift of Garden membership! Order by April 20 to ensure delivery by Mother's Day.

Visit [mobot.org/membership](http://mobot.org/membership), call (314) 577-5118, or visit the Membership Services Desk to purchase a gift membership.



## Kick Off a New Season of Fun

Seasonal operations begin March 28–29 with the reopening of the Doris I. Schnuck Children's Garden, Tower Grove House, and the return of tram tours on a limited schedule. Plan your visit at [mobot.org](http://mobot.org).

## TACOS TEQUILA & Tarantulas

### Celebrate Cinco de Mayo in a Web of Fun

New this year at the Butterfly House! On Tuesday, May 5, Tacos, Tequila, & Tarantulas gives you the opportunity to get to know these majestic, eight-legged friends a little better. Build up your courage with tequila samples accompanied by fun fiesta foods. Attendees must be 21+. Details at [butterflyhouse.org](http://butterflyhouse.org).

### Go Behind the Science with Garden Botanists

Join Garden scientists on Saturday, March 14, for a rare, up-close look at the plant discovery and conservation work your membership supports. Visit one of the largest herbarium collections in the world, view historic botanical texts in the Garden library, and meet many of the Garden's world-renowned botanists working to conserve plants locally and around the world. For more information, visit [mobot.org/openhouse](http://mobot.org/openhouse).



Guests viewing herbarium specimens.

### Take Home a Missouri Tree—Free!

Start your spring planting with a free Missouri native tree sapling from the William T. Kemper Center for Home Gardening. Stop by the Kemper Center for Home Gardening on Friday, April 3, and receive a free tree in celebration of Arbor Day in Missouri (while supplies last). Staff and volunteers will also be available to share tips for planting your new tree and keeping it in top shape. Watch for more details, including a list of available species, at [mobot.org/events](http://mobot.org/events).



## Immerse Yourself in Seasonal Beauty

Spring is among the most colorful times to visit the Garden. Make the most of your membership this season and enjoy some of our most popular plant collections at peak bloom:



Daffodils  
March–early April



Magnolias  
March–early April



Flowering Cherry Trees  
Late March–early April



Tulips  
Mid-April



Azaleas and  
Rhododendrons  
April–late May, May–June



Irises  
Early May

photography by Matilda Adams, Kent Burgess, Suzann Gille, Tom Incrocci, Sundos Schneider, Jack Scott, and Jered Willis

Bloom times are estimates. Follow the Garden on Facebook, Twitter, and Instagram to stay updated on peak bloom times and opportunities to explore the Garden during extended hours.

## Help the Garden Grow on Give STL Day

On Thursday, May 7, the Garden joins hundreds of St. Louis-area nonprofits in a one-day celebration of giving. Visit [mobot.org/givestlday](http://mobot.org/givestlday) to learn how you can help support the work of the Garden's EarthWays Center and our community sustainability programs with a special gift.



## Step Into Spring

Grab your running shoes and join us for a fun run/walk surrounded by nature's stunning landscapes.

### Daffodil Dash 5k

April 4 | 9–10:30 a.m. | Shaw Nature Reserve  
\$28 members and virtual runners; \$34 nonmembers  
Advance registration required.  
All proceeds benefit Shaw Nature Reserve.

### Garden Gallop Fun Run

May 3 | 7–9 a.m. | Missouri Botanical Garden  
\$30 members and virtual runners; \$40 nonmembers  
Advance registration required.  
All proceeds benefit the EarthWays Center.

# Gateway to the Garden

The Transformation Begins

Phase 1 Construction Commences on the  
Jack C. Taylor Visitor Center



January 2020  
Begin Construction  
on East Wing

Phase 1  
January 2020–October 2020  
Construction of East Wing

Phase 2  
October 2020–March 2022  
Construction of West Wing

Phase 3  
March 2022–July 2022  
Finishing Touches

The largest project in Garden history since Henry Shaw founded the Garden is underway as the first phase of the Jack C. Taylor Visitor Center takes shape to the east of the Garden's current entrance. Scheduled for completion later this year, Phase 1 presents minimal immediate impact on the Garden experience while setting the stage for major changes to come.



Left: Overhead view of the new Jack C. Taylor Visitor Center.

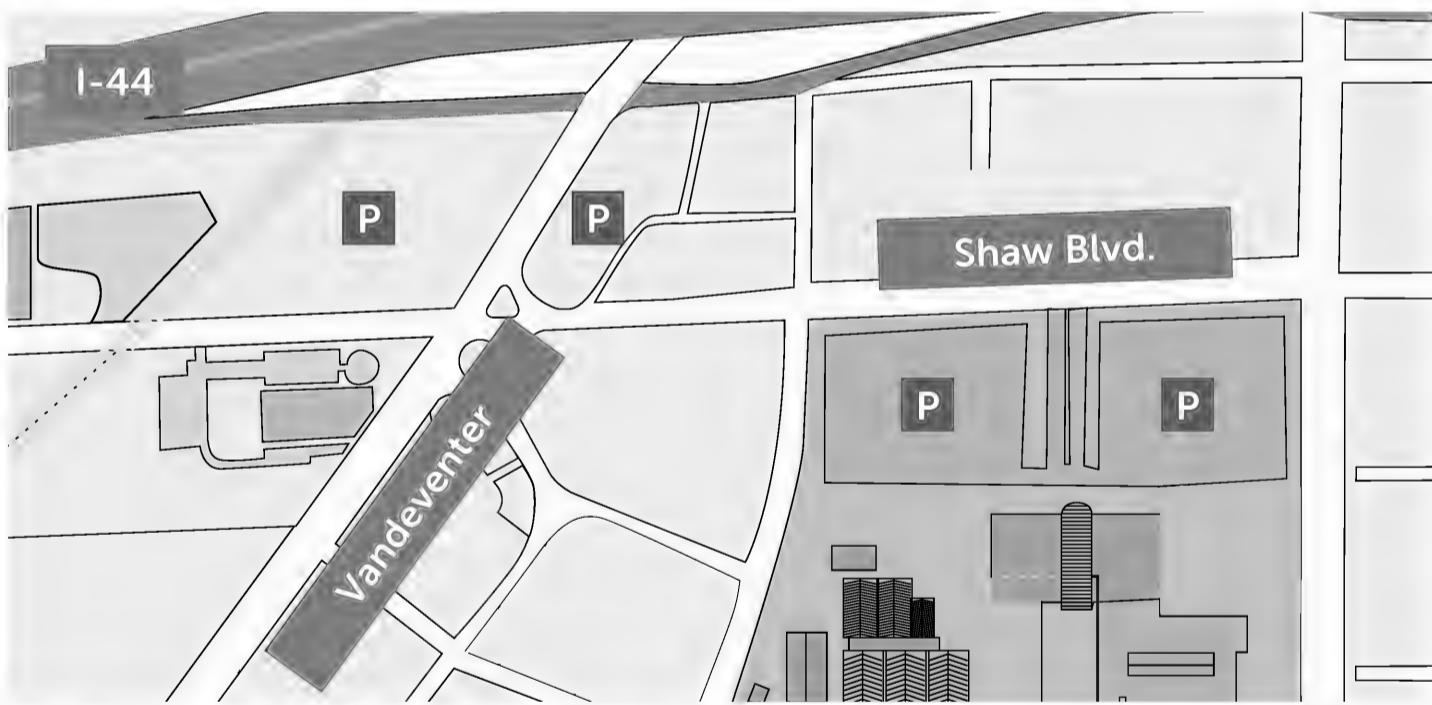
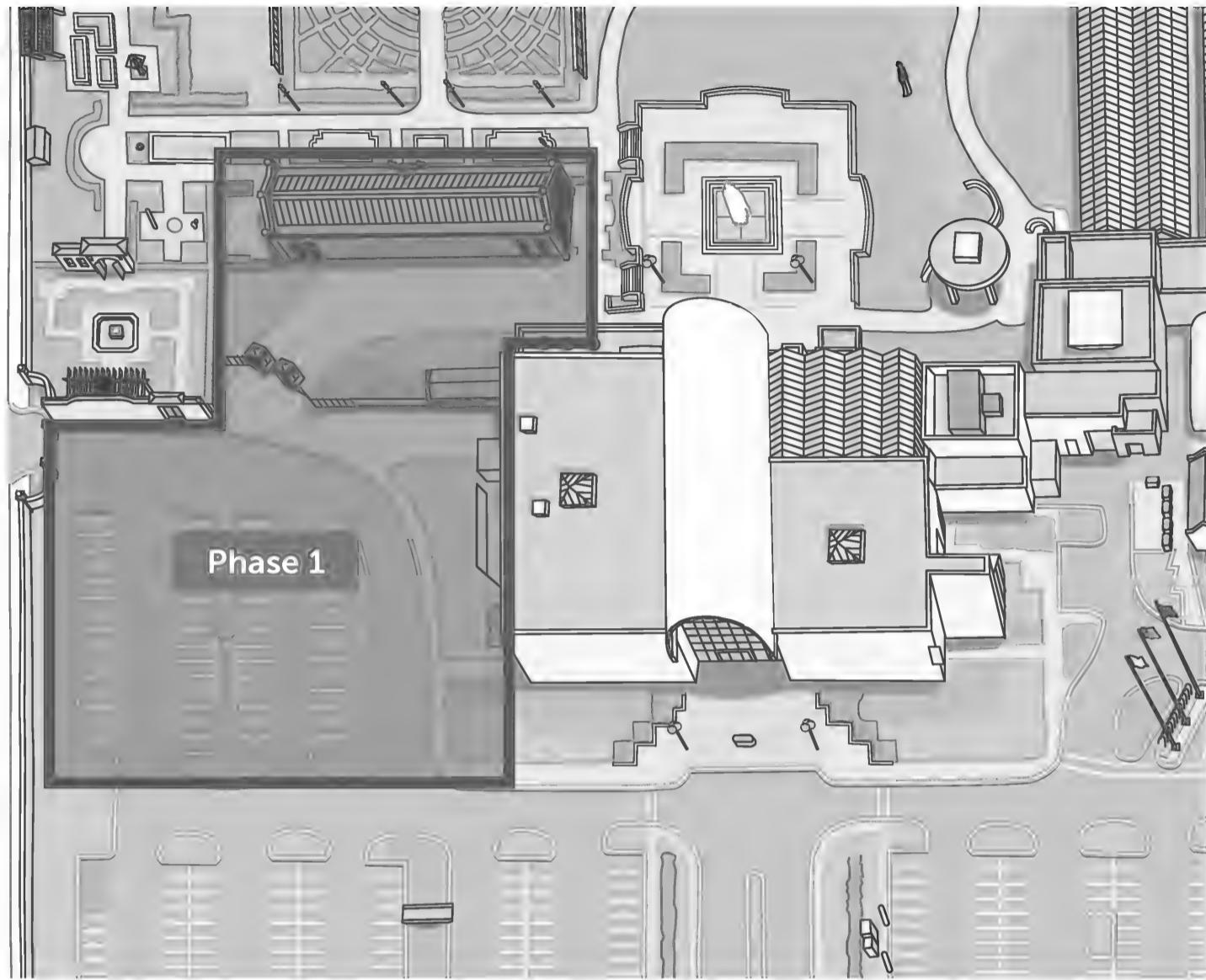
Above: Adjacent to the historic Linnean House, new walkways will include additional beds, displays, and trees. Combined with expansive indoor/outdoor seating, the beauty of the Garden will be closer to the Visitor Center complex than ever before. Learn more about the significance of the plantings and tree selection in upcoming articles in the *Bulletin*.



Concentrated on the Garden's upper east parking lot, construction for Phase 1 will ultimately produce the structure that will serve as the Garden's temporary visitor center during Phase 2, the most significant portion of the project (expected to span all of 2021 and the first half of 2022). Once Phase 2 is completed, this temporary visitor center will become the East Wing of the Jack C. Taylor Visitor Center and consist of a new event center available for public and private programming.

Phase 1 also includes changes to the Linnean House, continuing the major renovations from 2010 and 2011 and returning this historic conservatory—one of the oldest greenhouses in continuous operation west of the Mississippi River—to its roots while literally opening new doorways to future Garden experiences.

Once renovations are completed, including the removal of beds on the north side of the conservatory, the Linnean House will more closely resemble its early incarnation as



Top: Phase 1 construction encompasses the Garden's upper east parking lot and Linnean Plaza.  
Bottom: Ample parking is available across our three visitor lots.

an orangerie, with potted citrus and other plants rotating in seasonally. The camellia collection currently housed in the Linnean House's beds will be grown elsewhere in the Garden.

Phase 1 will also introduce a new north entrance to the Linnean House, directly opposite the existing south entrance, which will provide a never-before-seen vista as

Garden visitors gaze past the conservatory's brick walls straight into the Gladney Rose Garden and the Central Axis beyond. This new doorway will become the primary entrance to the Garden for the duration of Phase 2 and a permanent part of the new Linnean Plaza following the completion of the project.

## Be a Part of the Transformation

### Visit.

Garden activities will proceed as usual, and access through the Ridgway Visitor Center will remain unchanged throughout Phase 1 construction. Ample parking—more than 700 spaces in total—is available across our three visitor parking lots.

### Donate.

Every gift supports the Garden and our mission. Learn more by visiting [mobot.org/donate](http://mobot.org/donate).

### Get updates.

Visit [mobot.org/taylorcenter](http://mobot.org/taylorcenter) for the latest look at progress.



Visitors will enter the Jack C. Taylor Visitor Center through a new garden landscape populated by native and exotic rare and endangered plant species lining the gently sloping sidewalks.

During construction of the Jack C. Taylor Visitor Center, the Garden is pleased to recognize some of the generous donors making this project possible.

**"Visitors to the Garden will always enter through a permanent structure. Throughout 2020, visitors will continue to enter through the current Visitor Center, just as they do now."**

—Dr. Peter Wyse Jackson,  
President

## Donor Profile: Bayer

As an organization, Bayer focuses on the challenges facing a growing global population. In particular, Bayer looks toward solutions for new and better medicines as well as a larger and more reliable food supply.

Around the world, food and medicine both come from one main source: plants.

Plants are one of Earth's greatest resources. Since 2012, Bayer has been the Garden's main funding partner of the development of the World Flora Online, the first online inventory of all plant life on the planet. This project is Target One of the Global Strategy for Plant Conservation adopted by the United Nations' Convention on Biological Diversity. The Missouri Botanical Garden is working with more than 40 botanical institutions worldwide to complete the inventory and make it accessible to all.

"Quote from leadership at Bayer regarding Bayer's commitment to protecting and understanding plant life across the planet," says NAME, TITLE of Bayer.

In addition to this global resource, Bayer provides support to the communities its employees call home. Bayer's Crop Science Division is headquartered in St. Louis. The community has extensive resources in agriculture technology, higher education, botanical expertise, bioscience, and innovation across these fields. Bayer has made several grants in the region to foster this growth, including a gift to the Jack C. Taylor Visitor Center.

"Quote from leadership at Bayer regarding Bayer's commitment to the St. Louis community and dedication to fostering innovation and growth," says NAME, TITLE of Bayer.

The Garden is honored to recognize Bayer's commitment in the Bayer Event Center, which will serve as the future home of public and private events, educational activities, exhibitions, and regional and global conferences, continuing our mission to discover and share knowledge about plants in order to enrich life in our community and beyond.



# Origami in the Garden

A monumental sculpture exhibit unfolds throughout the Garden this spring.

Sponsorship by



and UMB Financial Corporation

Much like horticulture, origami—the Japanese art of folding paper—dates back hundreds of years and spans many cultures. This spring, these two distinct disciplines converge at the Garden in the form of 18 stunning, large-scale origami sculptures nestled throughout the Garden's iconic locations.

Opening April 25 and running through October 2020, *Origami in the Garden* is a traveling exhibition created by Santa Fe artists Jennifer and Kevin Box that captures the delicate nature of this paper art form in museum-quality

metals. The monumental show features flying birds, emerging butterflies, floating boats, and majestic cranes that tower above visitors and complement the unique natural settings of the Garden.

"When most people see origami, they see tiny little things made out of paper, and they marvel at the delicacy, they marvel at the intricacy," explains internationally renowned origami artist Dr. Robert J. Lang, with whom the Boxes collaborated on several pieces in *Origami in the Garden*.

"*Origami in the Garden* takes origami to a new scale and makes it approachable. Now people can walk up to the art, they can look at the folds in the metal that exactly replicate the folds in the paper; it establishes new, deeper connections between the observer and the art itself."

"Origami represents a simple metaphor: When we begin with a blank page, what we do with it is up to us, and the possibilities are endless."

—Kevin Box

Jennifer and Kevin Box created *Origami in the Garden* in 2013 after what Kevin calls "years of tireless experimentation" perfecting the technique behind these precise sculptures. "While most of my peers were sculpting in clay and casting it into dark, heavy metal objects, I was inspired to do something different," he explains. "In the beginning, I had to do every exhausting step of the process myself. Today, I still begin every piece with a blank page and manage it through the 35-step, 12+-week process of casting with the help of fine art foundry and fabrication teams."



The crown jewel of the exhibition is "Master Peace" by Jennifer and Kevin Box, a 25-foot sculpture of 1,000 stainless steel origami peace cranes.



"Sway With Me" (top) by Jennifer and Kevin Box, "Seed Sower" (bottom) by Kevin Box and Michael G. LaFosse, and "Crane Unfolding" (right sidebar) by Kevin Box are three of the 18 large-scale sculptures appearing at the Garden this summer.

*Origami in the Garden* also reflects the artistry of some of the most notable names in the field of origami. To make the exhibit take shape, the Boxes collaborated with origami luminaries Te Jui Fu and Michael G. La Fosse, as well as Beth Johnson and Dr. Lang, whose work appeared in the *Leafing Through History: Plants That Make Paper* exhibit on display last summer at the Stephen and Peter Sachs Museum.

Learn more about how *Origami in the Garden* was created and plan your visit at [mobot.org/origami](http://mobot.org/origami).

photography courtesy of Jennifer and Kevin Box

## Explore the Exhibition: *Origami in the Garden*

9 a.m.–5 p.m. daily | Free for members

Included with daytime admission

As a member, take in these towering works of art as often as you wish during regular Garden hours, and enjoy daily activities in the Brookings Exploration Center.

## Chinese Culture Days and *Origami in the Garden* Opening Weekend

April 25–26 | 9 a.m.–5 p.m.

\$7 members | Free for Festival members (limit 6) and member children 12 and under

Be among the first to view the exhibit during Chinese Culture Days! Enjoy the Grand Parade and dancing dragon, acrobats, Chinese cuisine, and more. Purchase tickets and plan your visit at [mobot.org/chineseculturedays](http://mobot.org/chineseculturedays).

## Exhibition Lecture: Meet the Artists

April 25 | 9:30–10:30 a.m.

Included with Chinese Culture Days admission

Learn more about *Origami in the Garden* from the husband-and-wife team of artists behind the exhibition. Chinese Culture Days admission is required to attend this lecture in Shoenberg Theater. Seating is on a first-come, first-served basis.

## Origami Evenings

Thursdays and Fridays,

Memorial Day–Labor Day

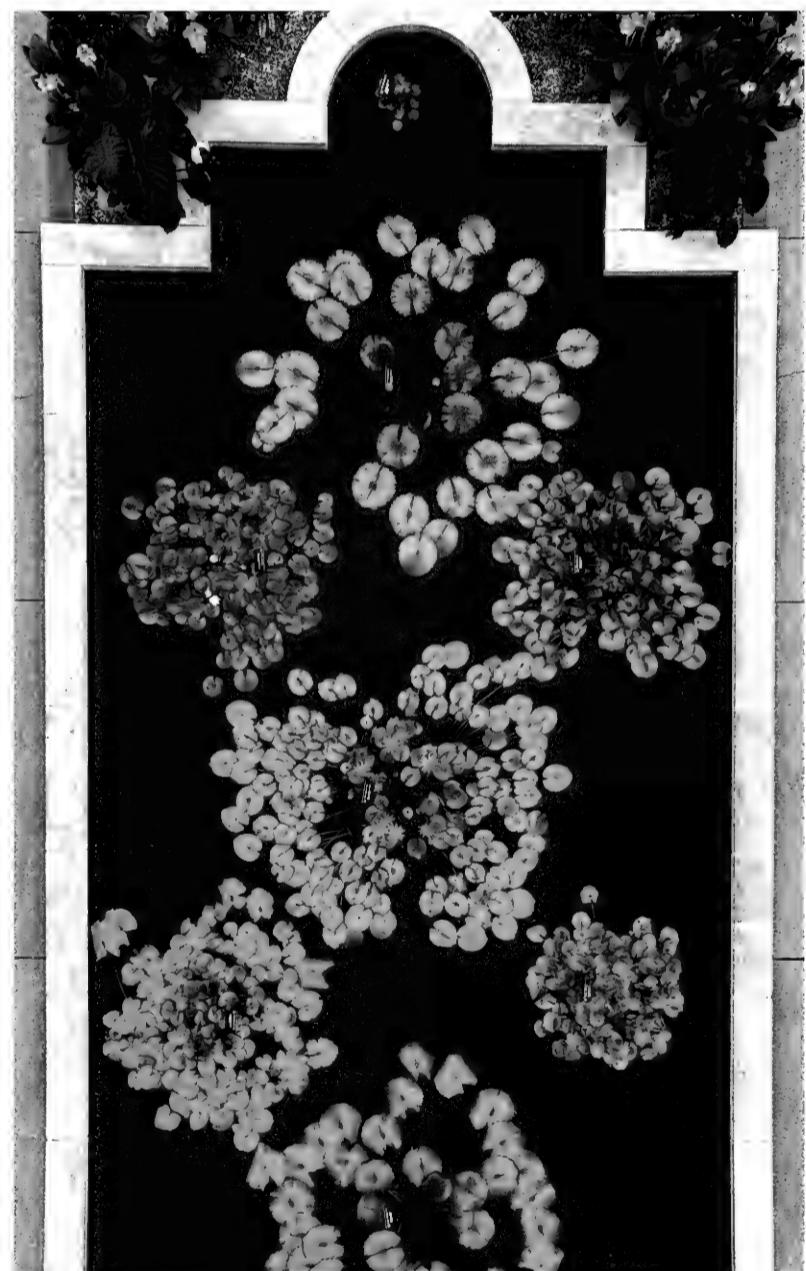
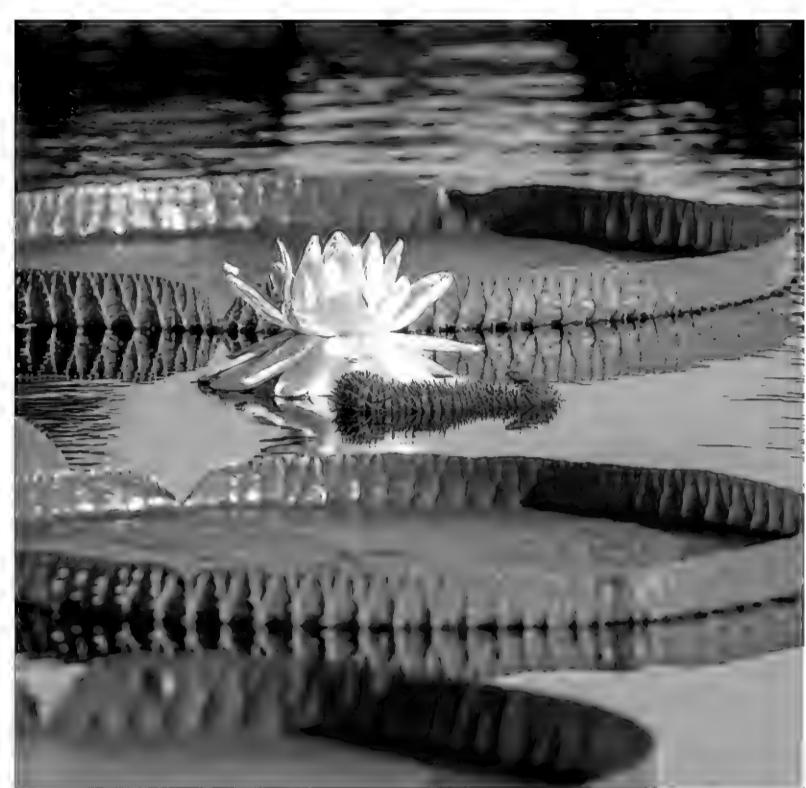
6–9 p.m.

\$7 members | Free for Festival members (limit 6) and member children 12 and under

Take a sunset stroll, enjoy live music, explore the Children's Garden until 8 p.m., and view *Origami in the Garden* in a new light during special evening hours

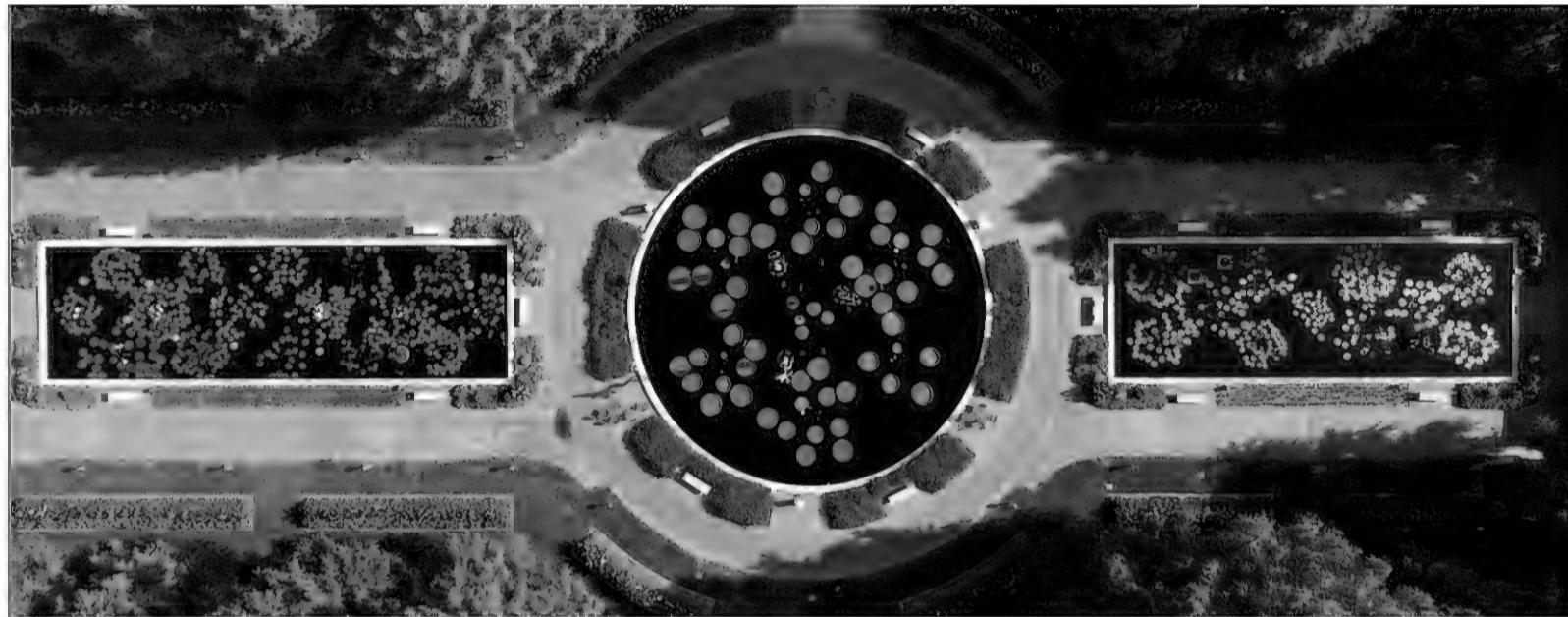
**Learn more at [mobot.org/origami](http://mobot.org/origami).**

# Pretty as a Picture



A new exhibit offers Garden visitors the opportunity to see the exquisite beauty and detail of water lilies through photography.

photography by Kent Burgess, Tom Incrocci, Cassidy Moody, and Mary Lou Olson



Top: George H. Pring, horticulturist and Garden superintendent from 1910 to 1963.

Bottom: Derek Lyle, present-day Senior Manager of the Garden's nursery, holds a Victoria lily pad.

Water lilies have captivated Missouri Botanical Garden visitors for more than 125 years. When the Garden's first Victoria water lily bloomed in 1894, 30,000 people gathered to see it. Since then, millions more have marveled at these iconic staples of the Garden's living collection.

It's no surprise that these striking plants have been a favorite subject of photography year after year. For the first time, the Garden is sharing highlights from its extensive collection of water lily photography in a new exhibit on display daily in the Ridgway Visitor Center.

### An Ever-Growing Collection

With the right conditions, Victoria water lilies grow at an amazing rate, up to an inch an hour at their peak. Thanks to the generous donation of Michael and Jeannie Gleason, the addition of a new heating system installed in the Garden's center reflecting pool in 2018 has extended the plants' growing season. This resulted in a record-setting summer in 2019 as one of the Garden's Victorias reached

91 inches across—more than a foot larger than the average diameter of a St. Louis-grown Victoria, and just two inches shy of the largest Victoria ever recorded.

### A Century of Colorful Innovation

Dozens of known species of water lilies occur naturally throughout the world, but much of the vibrant diversity seen on Garden grounds is the result of decades of hybridization—the process of crossbreeding different plants to produce an entirely new variety. George H. Pring, renowned horticulturist and Garden superintendent from 1910 to 1963, kickstarted the hybridization of tropical water lilies at the Garden, and the process continues in earnest to this day.

### Discover and Share

Learn more about the Garden's water lily collection on our blog at [discoverandshare.org](http://discoverandshare.org).

# just for members



i

Information and registration at (314) 577-5118 or [mobot.org/memberevents](http://mobot.org/memberevents) unless otherwise noted.

## Membership Benefits

From discounts to event previews to exclusive access—your membership gives you more of what you love about the Garden, Butterfly House, and Shaw Nature Reserve.

## Member Speaker Series: Gardening with Foliage First

Tuesday, March 10  
11 a.m.–noon  
**Shoenberg Theater**  
Join horticulturist, acclaimed author, and “Personal Garden Coach” Christina Salwitz to learn how to create a foliage-driven garden that dazzles! Book signing to follow. FREE for members; registration required.

## Eggstravaganza: A Springtime Family Celebration

Saturday, March 28  
9:30 a.m.–noon  
**Check in at Linnean Plaza**  
Hop around the Garden to collect eggs, meet live bunnies, and enjoy springtime music, photo opportunities, and hands-on nature activities. Event intended for children 12 and under. FREE for members; timed registration required.

## Little Shop Around the Corner Member Open House Sale

Tuesday, April 21  
10 a.m.–5 p.m.  
Browse one-of-a-kind finds and save 40% on all purchases with your current membership card at this bi-annual sale. All shop proceeds benefit the Garden’s research and education programs.



photography by Matilda Adams, Lisa DeLorenzo Hager, Kat Niehaus, and Mary Lou Olson

## **Member Speaker Series: Think *Inside* the Herb Container**

**Tuesday, April 21**

**11 a.m.–noon**

**Shoenberg Theater**

Join Anne Cori from the Kitchen Conservatory to learn the basics of planting herbs, successful combinations for containers, and delicious tips for cooking with herbs. Presented with The St. Louis Herb Society. FREE for members; registration required.

## **Member Preview: The St. Louis Herb Society Sale**

**Thursday, April 30**

**5–8 p.m.**

**Orthwein Floral Display Hall**  
Members get first pick from more than 120 different herb varieties available for purchase. Receive expert advice on selecting, growing, and using herbs from members of The St. Louis Herb Society. Sale continues through Saturday, May 2 while supplies last.

## **Member Speaker Series: Vegetable Garden Inspiration**

**Tuesday, May 5**

**11 a.m.–noon**

**Shoenberg Theater**

Join Garden horticulturist Aaron Lynn-Vogel to explore the health, cost, and environmental benefits of vegetable gardening and learn tips and tricks for planning your garden, selecting plants, and creating a beautiful and productive space.

## **Member Preview: Spring Wildflower Market**

**Friday, May 8**

**3–7 p.m.**

**Shaw Nature Reserve**

Choose from a wide selection of native plants, including annual and perennial wildflowers, ferns, trees, and shrubs. Enjoy live music with beer, wine, and food for purchase. The sale continues for the public on May 9, 9 a.m.–1 p.m.

# special events

## Easter Brunch

April 12

10:30 a.m., noon, or 1:30 p.m.

### Butterfly House

Bring the family together for a unique brunch experience at the Butterfly House! We're partnering with Seed Sprout Spoon to create a truly brunchtastic event. Enjoy a delicious brunch buffet on our Lakeside Terrace overlooking the butterflies in our Tropical Conservatory. Tickets required: [butterflyhouse.org](http://butterflyhouse.org)



## Orchid Show

Now–March 22 | 9 a.m.–5 p.m. daily

Discover the rich history of Mesoamerican flora as this once-a-year opportunity to view hundreds of blooming orchids from the Garden's historic collection continues. FREE for members. [mobot.org/orchidshow](http://mobot.org/orchidshow)



## Morpho Mardi Gras

Now–March 31 (closed Mondays)

### Butterfly House

Have you ever seen a Mardi Gras parade with a bug krewe? Come see ours at the Butterfly House! While you're there, immerse yourself in thousands of blue morpho butterflies as they fill our Tropical Conservatory. Included with admission; free for members. [butterflyhouse.org](http://butterflyhouse.org)



## Grapes in the Garden

May 8 | 6–9 p.m.

Presented by Schnuck Markets, Inc.

Savor some of your favorite wines or discover new ones among the 250 wines available for tasting. Sample gourmet foods while enjoying live music and a beautiful spring evening in the Garden. Attendees must be at least 21. \$40 for members; \$50 nonmembers. Tickets required: [mobot.org/drinks](http://mobot.org/drinks)

## Sake and Sakura

April 3 | 5:30–8 p.m.

Celebrate the beauty of spring and the season of *hanami*, sake in hand, under the cherry blossoms (*sakura*) in the Japanese Garden (*Seiwa-en*). \$20 for members; \$25 nonmembers. Tickets required: [mobot.org/drinks](http://mobot.org/drinks)



## Orchid Nights

March 5 | 6–8 p.m.

Sample libations from six local vendors while enjoying live music and an exclusive evening viewing of the Orchid Show. \$15 for members; \$20 for nonmembers. Tickets include one drink and are required: [mobot.org/orchidnights](http://mobot.org/orchidnights)

## Fancy Tea with Mommy and Me

May 2 | 10–11:30 a.m.

May 3 | 10–11:30 a.m. and 2–3:30 p.m.

### Butterfly House

Don't be late for this very important date! Raise your pinky with us at the season's fanciest tea party. \$15 for members; \$20 nonmembers. Tickets required: [butterflyhouse.org](http://butterflyhouse.org)

# giving societies

A Deeper Connection through the

## Garden GIVING SOCIETIES

Are you looking to make a deeper connection to the Missouri Botanical Garden and enhance your experience with us? Consider joining one of our Garden Giving Societies. Members of the Garden Giving Societies make gifts of \$500 or more annually and provide leadership support in our efforts to preserve and enrich this world for the next generation and beyond. Support across all levels of the Giving Societies provides essential unrestricted funding for the Garden—currently more than \$2.2 million annually.

All Garden Giving Society members have access to a wonderful range of exceptional benefits, such as:

- Invitations to exhibit and floral show previews and cocktail receptions.
- Behind-the-scenes tours and lectures.
- Exclusive opportunities to connect with Garden leadership, international scientists, and leading horticulturists.
- A private donor concierge line to help plan your Garden experience.
- Complimentary passes to the Garden's most popular public events.

The Garden Giving Societies are comprised of four levels of support: The President's Society (\$500–\$1,499), the Henry Shaw Society (\$1,500–\$9,999), the Raven Society (\$10,000–\$24,999), and the Chairmen's Circle, which honors those donors who give \$25,000 or more annually. Gifts can be made on a one-time or ongoing monthly basis.

Consider joining the Giving Societies today with an increased investment in the Garden and our global mission of plant conservation, education, and sustainability. Stand up with fellow supporters to experience your philanthropic leadership at work.

For more information or to join our Garden Giving Societies, contact Sarah Palermo, our Senior Manager of Annual Leadership Giving, at (314) 577-5173 or [donors@mobot.org](mailto:donors@mobot.org).



### Upcoming Giving Societies Event

#### President's Society Reception: An Evening with Dr. Peter Wyse Jackson Wednesday, April 29

Celebrate spring at the Garden and tour *Origami in the Garden* at this private evening hosted by the Garden president. For President's Society members by invitation only.

# commemorative gifts



The Bakewell Ottoman Garden in early spring.

October–December 2019  
A commemorative gift is a wonderful way to honor family and friends. Gifts of \$100 or more are listed in the *Bulletin*. For more information about giving opportunities, call (314) 577-5118 or make a commemorative gift at mobot.org/tributes.

## In Honor of

**Prem Sri Barton**  
Melissa Barton  
Todd Barton  
**Mary Ann Bearden**  
Jeffrey Bearden  
**Mr. J. Rodney Bryan**  
Mr. and Mrs.  
Raymond W. Peters II  
**Nancy R. Burke**  
Mrs. Nora R. Stern  
**Ann L. Case**  
Mr. Mark R. Kalk and  
Mr. Mark C. Lammert  
**Billie Coon**  
Mrs. Catherine Mulford  
**Mr. and Mrs. Richard Dalton**  
Mrs. Nora R. Stern

**Skippy Dennis**  
Mr. and Mrs. David Bentley  
**Craig and Mary Donis**  
Spiro and Barbara Karagiannis  
Mike and Janet Rauckman  
**Umber and Amanda Dube**  
Dr. Daniel Weisel  
**Mr. and Mrs. Henry Dubinsky**  
Mrs. Nora R. Stern  
**Terence Eagleton and Guy Trebay**  
Cynthia and Tom Woolsey  
**Jane Eiseman**  
Mrs. Nora R. Stern  
**Joanne Fogarty**  
Dr. Kathryn Fogarty  
**Michael Freund**  
Mrs. Nora R. Stern  
**George Holtzman**  
Gregory and Isabel Holtzman  
**Linda Hultgren**  
Nils Hultgren  
**Mrs. Ellen Jones**  
Mr. and Mrs. Landon Jones  
**Dean and Shirley Kent**  
Mr. and Mrs. Bill Richter

**Dave and Pat Koenig**  
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Mrs. Nora R. Stern  
**Julie Nelson**  
Joan Switzer  
**Laura Neri-Baebler**  
Mrs. Patricia L. Fitzgerald  
**The Notre Dame Ladies of 1969**  
Mr. and Mrs. Terry G. Blake  
**Marcia Ollinger**  
Laura Gonski  
**Mrs. Audrey Otto**  
Mrs. Lee R. Wallace  
**Mr. and Mrs. Jules L. Pass**  
Mrs. Nora R. Stern  
**Margaret and Bob Patricelli**  
Cindy and Ken Luecke  
**Brian Saunders**  
Dr. John Saunders

**Lucy, Ari, and Sam Scheitlin**  
Bill Scheitlin  
**Mr. and Mrs. Ned Stanley**  
Mrs. Nora R. Stern  
**JoAnn Vorih**  
Mrs. Jacqueline R. Shillington  
**Phyllis Weber**  
John and Sally Heyn  
**Dr. James Wellman**  
Mrs. Deborah Scally  
**Dr. and Mrs. Peter Wyse Jackson**  
Mrs. Nora R. Stern

## In Memory of

**Julia Isabel Aubuchon**  
Kingsbury Sibling Group  
**Shirley Bachman**  
Ms. Sally Anderson  
**Carl Bauer**  
Anonymous  
**Patricia Cheek**  
Mrs. Theresa Kehoe  
**Elizabeth Cilufo**  
Christopher Brenner and  
Tyler Olsen  
**Mr. Troy W. Cole**  
Mrs. Betty Cole  
**Jane F. Comorio**  
Mrs. Nora R. Stern  
**Margie Cornbleet**  
Jeffrey Dreyer  
**Jack R. Dyer**  
SAS Institute Inc.  
**James and Grace S. Farrell**  
Vivian Farrell  
**Jane L. Fischer**  
Mr. Paul A. Fischer  
**Harvey W. Friedman**  
Mrs. Nora R. Stern  
**Elizabeth Gorman**  
Mary Hawkins  
**Catherine Hagen**  
Mrs. Theresa Kehoe  
**John Hanneke**  
Brian and Patricia Ochs  
Mark's Work Family at the  
St. Charles County Juvenile Office  
**Crystal Haynes**  
Nancy Noedel and  
Kelly Baumer  
**Paul and Lois Heineman**  
Corey and Lori Kilkelly  
**Sara Jeanelle Hoffert**  
Fred Wells and Connie Parish  
Katherine Henckler  
**Sara Louise Johnson**  
Jacquelyn Johnson  
**Gary Karcher**  
Theresa Karcher  
**Mrs. Ann J. Key**  
Family of Ann J. Key  
**Patricia Ann Kirby**  
Amy M. Sullivan  
**Jonathan Kleinbard**  
Mr. and Mrs. Robert J.  
Herleth

# commemorative gifts

## Susan Lorraine Powell

Mr. and Mrs.  
George R. Powell

## Alexander Timon Primm and Nancy Russell Primm

Mrs. Susan Primm Thel

## Myrna Reinhardt

Mr. and Mrs. John T. Bruer

## Harold Schlegel

Ms. Beth Ann Schlegel

## Beverly Schmitt

Ms. Mary Ellen Roth and Mr.  
Mark E. Chellevold  
The St. Louis Herb Society

## Margarette Schrader

Mr. and Mrs.  
Ronald A. Polka

## James F. Scott

T. Christine Stevens  
Dave Wedding  
Mr. and Mrs. Stephen M.  
Schoenbeck

## Lynn Shotts

Jameson Shotts  
and Julie Shotts

## Dick Swaine

Anonymous

## Jane P. Thomas

Dr. Lewis J. Thomas, Jr.  
Mr. and Mrs.  
Lewis J. Thomas III

## Ken Token

Mrs. Carole A. Token

## Jack Winchester

Mrs. Theresa Kehoe

## MEMBERS ENTRY COURT

October–December 2019  
For more information,  
call (314) 577-5118 or visit  
[mobot.org/donate](http://mobot.org/donate).

## Engraved Bricks

### Deborah Bagy

Richard Bagy

### Virginia Belt

David Belt

### Charles Emig

David Emig and Stacy  
Deuser

### Norma and Jerry

### Hawickhorst

Mr. and Mrs.

Gregg J. Hawickhorst

### Lynda L. Lieberman

Lynda L. Lieberman

### Megan Maher

Missouri Botanical Garden  
Young Friends

### Virginia Matonis

Mrs. Carol Pryzma

### Abdulrahman Mohamed

Jeff Albach

### Lesliee J. Nowak

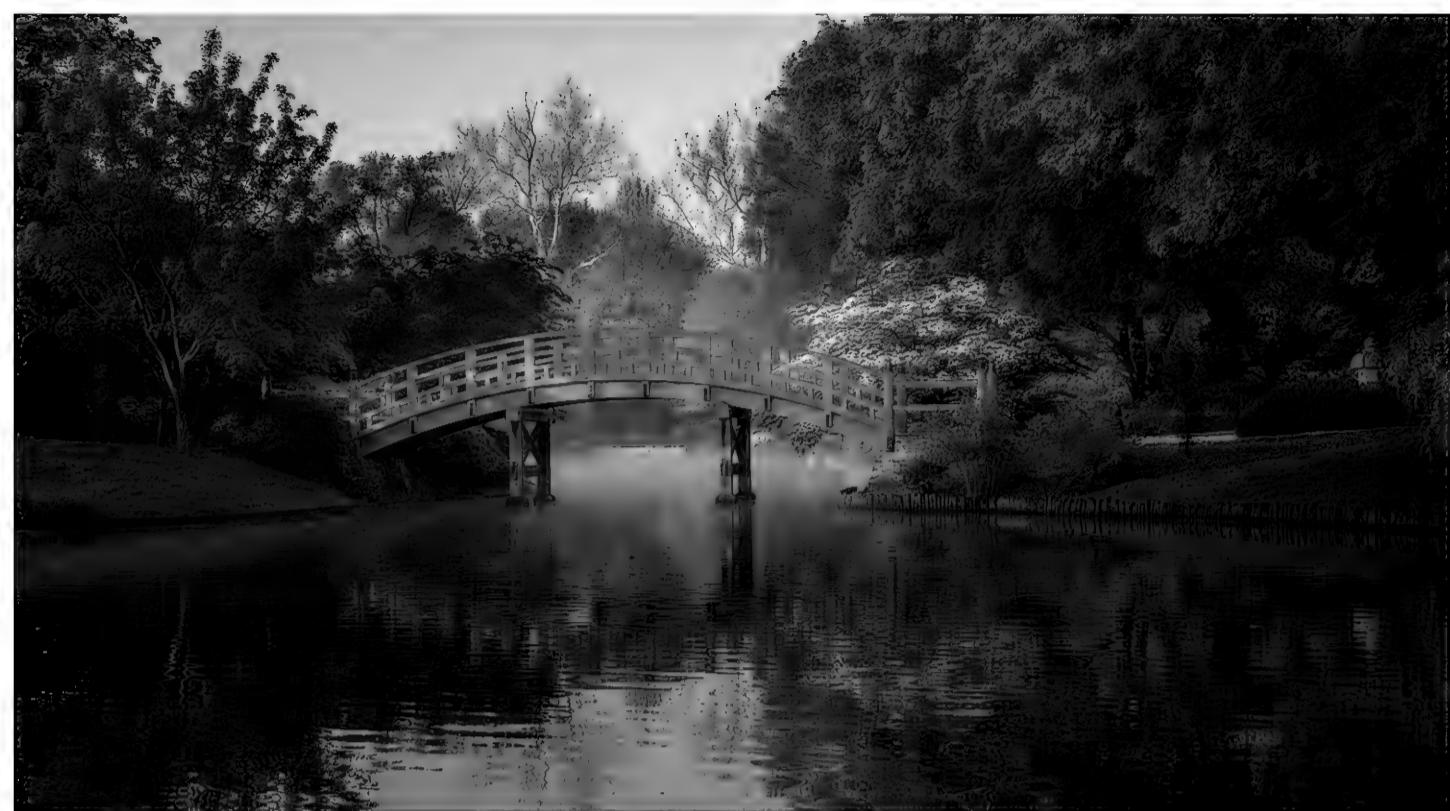
Mr. Roger Roddy

### Trena D. Roddy

Mr. Roger Roddy

### St. Louis Greenhouse Plant Society

St. Louis Greenhouse  
Plant Society, Inc.



The Drum Bridge in Seiwa-en, the Japanese Garden.

### James Slavik

Mr. and Mrs.  
Kenneth E. Vance

### Maud and Ralph Soebbing

Sara Hacala

### The Stucke Family

Charles Stucke

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David Bell

### Kimery C. Vories

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Connie and Doug Ruff  
and Family  
Carol Vance  
Ray and Linda Vance  
Lonnie and Jan Vance  
and Family

## BUTTERFLY HOUSE

October–December 2019.  
For more information,  
call (314) 577-5118 or visit  
[butterflyhouse.org/donate](http://butterflyhouse.org/donate).

## Engraved Pavers

### Jeanne and Ralph Akerley

Mr. and Mrs.  
Charles P. Reay

### Tom Alexander

Stacey Alexander

### Carolyn Menze

Michael and Phyllis Cook

### Jan Schaefer

Janeen Schaefer Griewing

## Suzi Shymanski

Kim and Steve Peters

## Sean Simon

Stacey and Zach Adams

## Jan Sova

Jan Sova

## Erich and Hilda Wagner

Jan Sova

## In Memorium: Bill and Anne Tao

The Missouri Botanical Garden honors leaders Dr. William Kwang-Yeh Tao and Anne Tao, who both passed away in December 2019. Bill and Anne were members of the Garden for nearly 50 years. Bill served as an Emeritus Trustee, and Anne served on the Members' Board. Their philanthropy extended across our community and has a lasting impact, particularly through cultural organizations, universities, and scientific endeavors.

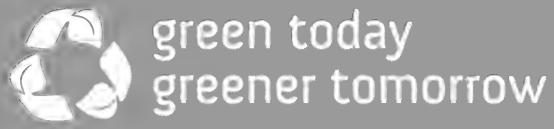
At the Garden, Bill and Anne supported numerous initiatives and campaigns. They supported visiting scholars and scientists for the expansive, 25-year *Flora of China* project. Anne was part of the group that established the annual Chinese Culture Days festival in the mid-1990s. The couple also joined the Heritage Society to continue their support into the future.

Bill and Anne's leadership has permanently advanced the mission of the Garden, our scientific contributions, and our role in our community. We are grateful for their generosity and commitment.



Bill Tao (left) and Anne Tao (right)





The Missouri Botanical Garden strives to make the most sustainable choices possible to benefit people, plants, and the planet. That's why we offer an interactive online version of the *Bulletin* as well as a downloadable PDF. Sign up by sending an email to [membership@mobot.org](mailto:membership@mobot.org). Let us know if you'd like to forego your paper subscription.

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## CHINESE CULTURE DAYS

April 25–26

[mobot.org/chineseculturedays](http://mobot.org/chineseculturedays)

# eggstravaganza

A Springtime Family Celebration



March 28  
9:30 a.m.–noon

Join us for a free members-only morning at the Garden. Collect eggs at activity stations, enjoy springtime music and fantastic photo opps, make hands-on nature crafts, and see live bunnies! Reservations required. Space is limited.

MISSOURI BOTANICAL GARDEN

# calendar

[mobot.org/events](http://mobot.org/events)

march | april | may

## Origami in the Garden



April 25–October 11  
Included with  
Garden admission  
**FREE** for members

Sponsorship by  
 Pohlmann  
Legacy

and UMB Financial Corporation

Opens Chinese Culture Days weekend!

## Spring Wildflower Market



Member Preview  
May 8 | 3–7 p.m.



at Shaw Nature Reserve  
Event continues for the public on May 9  
9 a.m.–1 p.m.  
Free for members | \$5 nonmembers

Sipping Season



Bring a friend and enjoy  
spring social hours at the Garden!

Orchid Nights  
March 5 | 6–8 p.m.  
\$15 members; \$20 nonmembers

Sake and Sakura  
April 3 | 5:30–8 p.m.  
\$20 members; \$25 nonmembers; \$15 designated drivers

Grapes in the Garden  
May 8 | 6–9 p.m.  
Presented by Schnuck Markets, Inc.  
\$40 members; \$50 nonmembers; \$15 designated drivers

[mobot.org/memberevents](http://mobot.org/memberevents)

[mobot.org/origami](http://mobot.org/origami)

[shawnature.org](http://shawnature.org)

[mobot.org/drinks](http://mobot.org/drinks)

# march 2020

average temperature: low 37° | high 57°  
average precipitation: 3.6 in.

## What's in bloom?



Hellebore      Dutchman's breeches      Snowdrop

**2/1–3/22** Orchid Show | 9 a.m.–5 p.m. | Free for members  
\$ RVC

**2/1–3/31** Morpho Mardi Gras | 10 a.m.–4 p.m. (closed on Mondays) | Free for members | BH

**3/5** Orchid Nights | 6–8 p.m. | \$ RVC

**3/10** Member Speaker Series: Gardening with Foliage First | 11 a.m.–noon | ☰ \$ ST

**3/14** Science Open House | 10 a.m.–4 p.m. | BC

**3/21** Shaw Bloom 10k/20k | 9 a.m.–noon. | ☰ \$ SNR

**3/21** Morphos & Muffins | 9–10 a.m. | ☰ \$ BH

**3/21** Tram Tours Resume | through November 1  
10 a.m.–4 p.m. daily | \$

**3/28** Seasonal Operations Resume | Children's Garden:  
9 a.m.–4 p.m. daily through November 1 | Tower Grove House: Wednesdays–Sundays, 10 a.m.–4 p.m. through January 3, 2021

**3/28** Eggstravaganza: A Springtime Family Celebration | 9:30 a.m.–noon | ☰ ☰



Children's Garden

# april 2020

average temperature: low 48° | high 68°  
average precipitation: 3.69 in.

## What's in bloom?



Primula      Tall bearded iris      Large-flowered bellwort



**4/3–4/4** Missouri Arbor Day Tree Giveaway  
while supplies last | 9 a.m.–5 p.m. | KC

**4/3** Sake and Sakura | 5:30–8 p.m. | ☰ \$

**4/4** Café Flora Opens | through September 27  
Saturdays and Sundays, 10 a.m.–2 p.m. | SP

**4/4** Daffodil Dash | 9 a.m.–10:30 a.m. | ☰ \$ SNR

**4/12** Easter Brunch | 10:30 a.m., noon, or 1:30 p.m.  
☞ BH

**4/12** Easter Brunch | 10:30 a.m.–2 p.m. | ☰ \$ ☰

**4/18–4/19** Pollinator Fair Days | 10 a.m.–4 p.m. | Free for members | BH

**4/18–4/19** Pollinator Plant Sale | Presented by Purina  
10 a.m.–3 p.m. | Free for members | BH

**4/21** Member Speaker Series: Think Inside the Herb Container | 11 a.m.–noon | ☰ \$ ST

**4/21** Little Shop Around the Corner Member Open House | 10 a.m.–5 p.m. | LS

**4/25–4/26** Pollinator Plant Sale | Presented by Purina  
10 a.m.–3 p.m. | Free for members | BH

**4/25–4/26** Chinese Culture Days | 9 a.m.–5 p.m. | \$

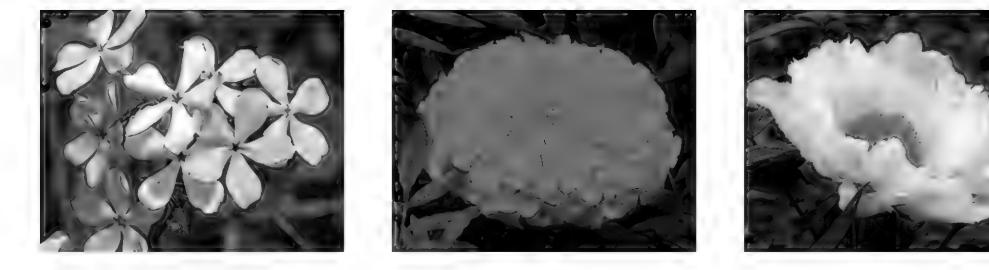
**4/25–10/11** Origami in the Garden | 9 a.m.–5 p.m.  
Free for members (except during Festivals)

**4/30** Member Preview: The St. Louis Herb Society Sale | 5–8 p.m. | ☰ RVC

# may 2020

average temperature: low 58° | high 77°  
average precipitation: 4.11 in.

## What's in bloom?



Wild sweet William      Marigold      Peony

**5/1–5/2** The St. Louis Herb Society Sale | Presented by The St. Louis Herb Society. | 9 a.m.–5 p.m. | RVC

**5/2–5/3** Fancy Tea with Mommy & Me | 10–11:30 a.m. or 2–3:30 p.m. (5/3 only) | ☰ \$ BH

**5/2–5/3** Pollinator Plant Sale | Presented by Purina  
10 a.m.–3 p.m. | BH

**5/3** Garden Gallop Fun Run | 7–9 a.m. | ☰ \$

**5/5** Tacos, Tequila, and Tarantulas | 6–8 p.m. | ☰ \$ BH

**5/5** Member Speaker Series: Vegetable Garden Inspiration | 11 a.m.–noon | ☰ \$ ST

**5/7** Give STL Day | All day | mobot.org/givestl

**5/8** Grapes in the Garden | Presented by Schnuck Markets, Inc. | 6–9 p.m. | ☰ \$ RVC

**5/8** Spring Wildflower Market Member Preview  
3–7 p.m. | SNR

**5/9** Spring Wildflower Market | 9 a.m.–1 p.m. | Free for members | SNR

**5/10** Mother's Day Brunch | 10 a.m.–3 p.m. | ☰ \$ ☰

**5/17** Spring Sprouting | With St. Louis Sprout & About  
10 a.m.–4 p.m. | Free for members | BH

**5/25–9/7** Under the Big Top | Tuesdays–Sundays,  
9 a.m.–4 p.m. | open Memorial Day and Labor Day  
Free for members | BH

**5/27** Whitaker Music Festival | 7 p.m. | CA

**5/28–8/28** Origami Evenings | Thursdays and Fridays,  
6–9 p.m. | \$

# your garden



## Soil Compaction

As warm, spring weather returns, gardeners often want to jump quickly back into their gardens, dusting off the tiller or spade, anxious to get their hands dirty after a long winter. Although this can be tempting, spring rains and melting snow can make soils too moist to work. When overly moist garden soils are worked, the particles that make up the soil are compressed very close together, forming tight clods. Once dry, these clods can become extremely hard and nearly impossible to break apart. Compacted soils also restrict root growth by depriving the roots of water and oxygen. Heavily compacted soils can take years to recover their structure. To prevent soil compaction, check the moisture level of the soil before starting your spring planting. Take a scoop of soil and squeeze it into a ball. If the soil holds its shape but crumbles slightly, it is dry enough to work. Larger construction projects can also compact soils. Plywood sheets can protect soil that heavy equipment will be driving on, and temporary fencing can be used to create a barrier around the drip line of large trees.

Find more advice and tips at [mobot.org/gardeninghelp](http://mobot.org/gardeninghelp).

## Plant Societies' Shows and Sales

Get the latest information about your favorite plant society's show and sale by visiting [mobot.org/plantsocieties](http://mobot.org/plantsocieties).

**Key** (All events take place at the Garden unless otherwise noted.)

BAY	Bayer Hall (in RVC)	GGS	Garden Gate Shop
BC	Bayer Center	JE	Jordan Education Wing (in RVC)
BH	Butterfly House	KC	Kemper Center for Home Gardening
BHGS	Butterfly House Gift Shop	LS	Little Shop Around the Corner
CA	Cohen Amphitheater	RVC	Ridgway Visitor Center
CBEC	Commerce Bank Center for Science Education	SNR	Shaw Nature Reserve
CHD	Children's Garden	SP	Spirk Pavilion
CL	Climatron lawn	ST	Shoenberg Theater (in RVC)

☞ Sassafras  
Members-only event  
Double punches at Garden Gate Shop  
Double punches at Butterly House Gift Shop  
Reservations required  
Fee required

photos by (front) Lisa DeLorenzo Hager, Kat Niehaus, Mary Lou Olson, and Demi Striglos.  
(this page) Matilda Adams, Tom Incrocci, and Wesley Schaefer. | Dates subject to change.



# bulletin

MISSOURI BOTANICAL GARDEN

Fall 2020

Vol. 108, No. 4

[mobot.org](http://mobot.org)

# contents

We hope you enjoy this special, expanded issue of the *Bulletin*.  
We missed you, and we have so much to tell you!



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A new era.

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Thank you! Your membership provides critical support for our international and local plant science and conservation work, and Garden memberships and contributions provide 21% of our annual operating funds.

To learn more about the benefits of your membership, visit [mobot.org/membership](http://mobot.org/membership), email [membership@mobot.org](mailto:membership@mobot.org), or call (314) 577-5118.

### hours and admission

For hours and admission prices at our three locations, visit [mobot.org](http://mobot.org), [butterflyhouse.org](http://butterflyhouse.org), and [shawnature.org](http://shawnature.org).

### contact

Missouri Botanical Garden  
4344 Shaw Blvd.  
St. Louis, MO 63110  
(314) 577-5100 • [mobot.org](http://mobot.org)

### on the cover

Leaves float on the surface of a stone basin in Seiwa-en, the Japanese Garden. Photo by Kent Burgess.

### credits

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*To discover and share knowledge about plants and their environment in order to preserve and enrich life.*

mission of the Missouri Botanical Garden

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# from the president



Fall is one of the most remarkable times of year in a garden. It is a season of harvest and transition, of celebration and thanksgiving. In St. Louis, it is a time when I enjoy cooler days in the Garden after a hot and humid summer. At the Missouri Botanical Garden, Sophia M. Sachs Butterfly House, and Shaw Nature Reserve, fall is also a time of sharing, events, and more opportunities to be out and about in nature.

We know this fall will not be quite the same. This year has been unlike any other in the Garden's 160-year history. It is clear our operations, programs, venues, and community look very different. The challenges faced by us all, and by the Garden, have been significant and so unexpected. We could not enjoy many of our favorite events and activities together over the spring and summer. As you will see in this *Bulletin*, fall is also a time to reflect on what has changed, honor those we have lost, and marvel at the work that carried on.

Despite new challenges, our work has of course continued. Our living collections were cared for, even when our doors were closed to visitors and most staff. Research and conservation plans to discover and protect endangered plant species continued while field work was not available (see page 12). Construction continued without interruption on the Jack C. Taylor Visitor Center (see page 16). Events and education programs went online to engage you from home (see page 15).

We are celebrating milestones this year as well. This fall marks my 10th anniversary as Garden president. Our iconic Climatron® turns 60 (see page 21). Our historic water lilies are filling pools and the Stephen and Peter Sachs Museum (see page 9). And as always, we have special offerings just for you, our members (see page 22). Our programs and offerings remain subject to change as we follow guidelines for the health and safety of our visitors and staff.

I could not be more proud of the way our staff, volunteers, members, and supporters have come together, often digitally, and continued to support one another and our mission. Thank you for your commitment to the work of the Garden. We are so fortunate to have the friendship of members like you.

*Peter Wyse Jackson*

Dr. Peter Wyse Jackson, President



# THANK YOU!

## To Our Members

Your support sustained us throughout the closure, and your enthusiasm inspired us to find creative ways to safely welcome you back. Thank you for a sold-out member preview week June 9–14!

## To Our Board

Your dedication to maintaining Garden operations during unprecedented circumstances ensured the Garden's important work remained ongoing.



Opposite: An aerial view of the Garden in June. Above: The Garden took CDC-recommended precautions to ensure that members would be safe during the preview week. Photography by Cassidy Moody.

# what's new?

## Origami in the Garden

### *Origami in the Garden* Postponed to 2021

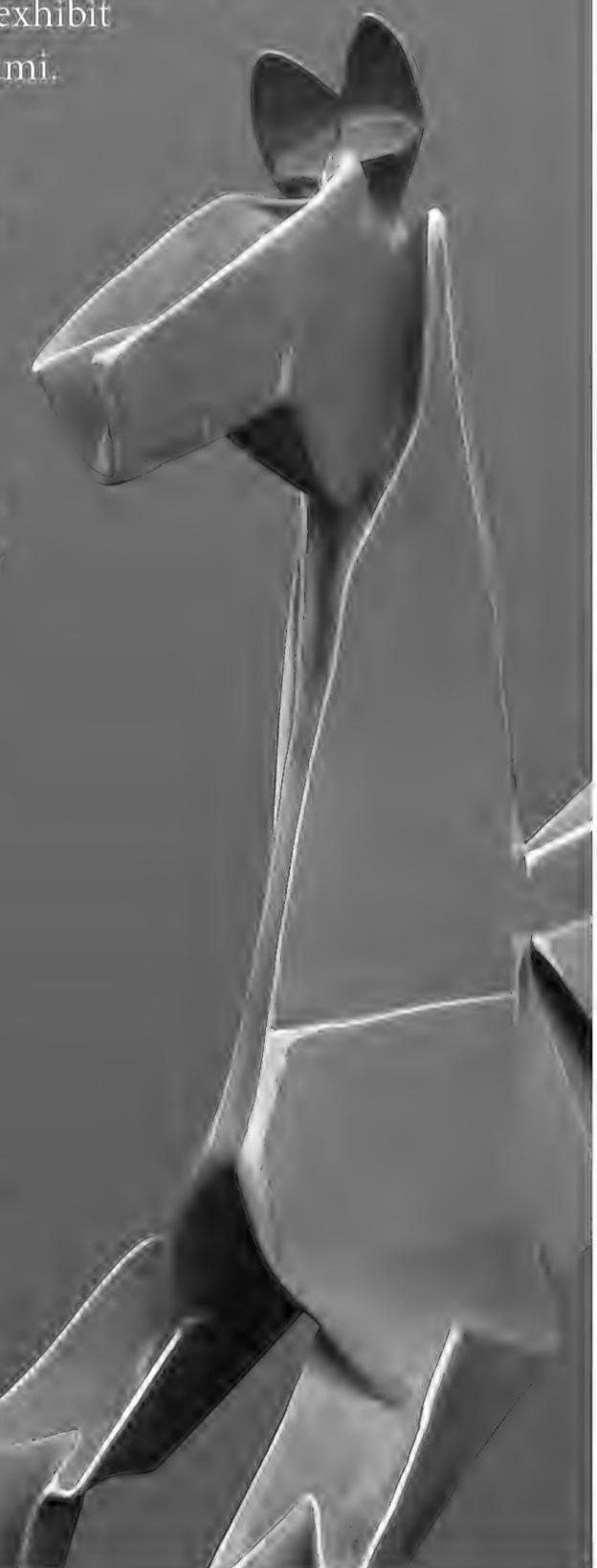
Originally set to open this spring, *Origami in the Garden* has been rescheduled for next summer. The monumental sculpture exhibit created by Santa Fe artists Jennifer and Kevin Box captures the delicate nature of origami in museum-quality metals, and will feature 18 awe-inspiring artworks displayed throughout the Garden. Sign up for email updates about the exhibit at [mobot.org/origami](http://mobot.org/origami).

Sponsorship opportunities are available. Contact Tracy Frish, Senior Manager of Corporate Relations, at [tfrish@mobot.org](mailto:tfrish@mobot.org) or (314) 577-9513.

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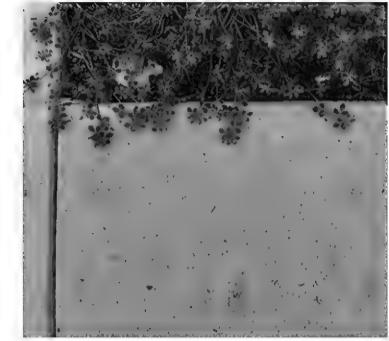


### Researchers Reveal Botanical Highlights Throughout St. Louis Neighborhoods

Inspired by French botanist Sophie Leguil, several Garden scientists used the temporary closure as an opportunity to creatively educate the public, by using sidewalk chalk to identify plants throughout the St. Louis area.

Robbie Hart, Director of the Garden's William L. Brown Center, helped jumpstart the "More Than Weeds STL" campaign by labeling plants in his own neighborhood and inviting colleagues to follow suit. "I love this idea for several reasons," Hart explains. "It combines important functions of art (changing how you see the world around you) and science (sharing knowledge); it uses information to add meaning and value to a landscape; it makes this information available with an immediacy that can't be matched by a URL or a QR code; and it celebrates plants that are growing in urban and everyday contexts."

You can view more images or share your own on social media channels using the hashtag #MoreThanWeedsSTL.



One of the many plants identified by Robbie Hart.



Bishop Deon Johnson  
Ex Officio Trustee



Christopher Koster  
Term Trustee



Lori Samuels  
Term Trustee



Dr. Kristin Sobolik  
Ex Officio Trustee

### New Trustees

The Garden recently welcomed these new members to the Board of Trustees.

## Butterfly House Receives Exotic Contraband Mantids

Shortly before temporarily closing due to the COVID-19 pandemic, the Butterfly House was approved by the USDA to become the caretaker of 14 black-market praying mantid egg cases that had been confiscated by U.S. Customs and Border Patrol. The cases arrived on March 10, and, by the end of March, had already yielded 500 infant insects. Butterfly House entomologist Tad Yankoski cared for the young mantids throughout the temporary closure and continues to oversee their development.



Entomologist Tad Yankoski with one of the 14 mantid egg cases sent to the Butterfly House this spring.



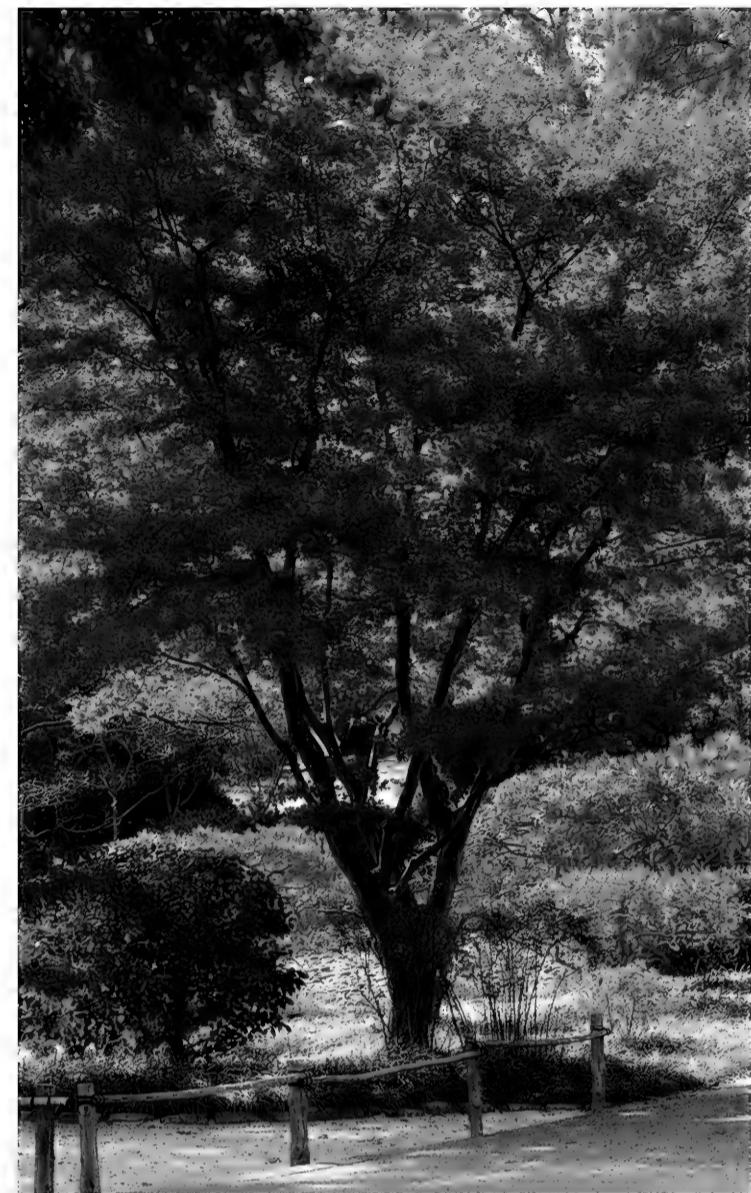
## Oertli Family Hardy Plant Nursery Update

The Oertli Family Hardy Plant Nursery has been working to grow and care for Garden plants for over a year, but it is also in the middle of a construction phase. The long-awaited headhouse is now under construction. Four hoop houses were recently delivered to provide shelter for young plants outside. A new retaining wall is being installed on the southeast corner of the lot to level ground for the hoop houses and maximize plant production space.

Many wild-collected plants from Garden field trips call the Oertli Nursery home, including species from Kyrgyzstan and Appalachia. Plants are also growing in the nursery for the entrance and landscapes of the Jack C. Taylor Visitor Center. Despite challenges from closures due to COVID-19, herbaceous perennials, trees, and shrubs have been produced at the Oertli Nursery for planting in the Garden this fall.

The facility has also provided support to the conservation projects of our Center for Conservation and Sustainable Development (CCSD). As a sustainable site, the nursery will continue to use minimal energy throughout the winter due to advanced technology and the capabilities of the structures.

Additional projects will be completed after this phase of the project, including development of the seed bank, micropropagation labs, quarantine facilities, and irrigation throughout the site.



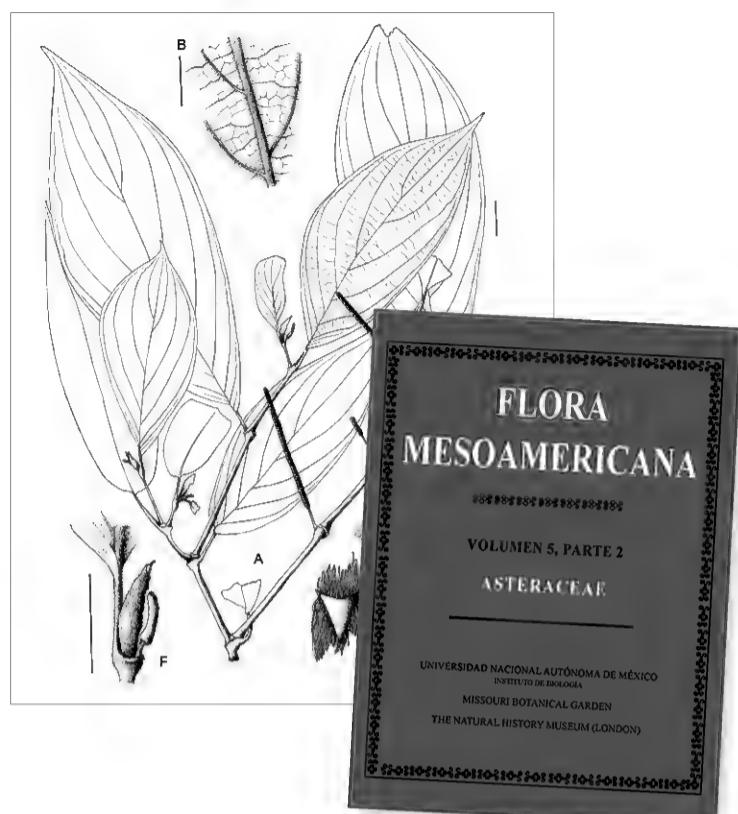
Experience Tree Week 2020 this October 26–November 1.

## Garden Wins APGA Marketing Award for Tree Week Celebration

The American Public Gardens Association (APGA) has named the Garden a recipient of its 2020 Dorothy E. Hansell Marketing Award for the Garden's annual Tree Week celebration. The award, named in honor of Hansell's contributions to excellence in horticultural and botanical journalism, is designed to recognize the outstanding work of APGA members and their commitment to enhancing the communities in which they serve, according to Casey Sclar, Executive Director of the APGA.

Created in 2018, Tree Week combines public tree tours, online tree maintenance tutorials from Garden arborists, and more. Visitors learn about the Garden's impressive collection of trees, and how to best care for their own trees at home.

# research news



The cover of *Flora Mesoamericana* and an illustration of *Piper antonense*.

## New Volume of *Flora Mesoamericana* Published

Edited by the *Flora Mesoamericana* editorial team based at the Garden and published this April by MBG Press, the latest volume of *Flora Mesoamericana* addresses the Piperaceae (pepper) family, encompassing three genera and 960 species—including 120 species named and described for the first time by Dr. Ricardo Callejas of Medellín, Colombia. This volume is the first of this series to include black and white illustrations.

*Flora Mesoamericana*, the first major regional flora ever written in Spanish, describes for the first time all of the vascular plants growing in the southeasternmost states of Mexico, including the Yucatán Peninsula, and all of the Central American republics.

With seven parts now published of a planned seven volumes (12 parts), the *Flora* represents the contributions of hundreds of botanists specializing in tropical taxonomy from around the world who compile and synthesize data on the plants of this ecologically diverse region for the project.

## A Life-changing Decision Leads to a Career in Conservation

Many botanists' careers are the realization of a lifelong goal, with each step carefully mapped out. Armand Randrianasolo, on the other hand, traces his career back to a split second decision he made decades ago.

In 1989, Randrianasolo, now a Curator at the Garden's William L. Brown Center, finished his undergraduate degree in biochemistry in his native Madagascar and started a graduate program in the same field. Two months in, the university cut funding, forcing him to find a new path.

In came Jim Miller, the Garden's current Senior Vice President of Science and Conservation. At the time, Miller was a young botanist working with Pete Lowry, the coordinator of the Garden's Madagascar program. Randrianasolo met Miller through an acquaintance, and Miller asked Randrianasolo to join his upcoming field trip. He planned to leave at 4 a.m. the next day.

"There was no chance to analyze," Randrianasolo says. "I just had to accept everything." That decision shaped his career, which has included a 22-year tenure at the Garden.

After joining the Garden, Randrianasolo started English classes, continued participating in collecting trips, and began working in a herbarium. The Garden brought him to St. Louis, where he earned his master's and PhD in biology from the University of Missouri St. Louis.

Throughout his studies and career, Randrianasolo has returned to Madagascar at least once each year. His research focuses on Malagasy Anacardiaceae, or the cashew family. He is also an adjunct professor at Washington University, where he works with students to develop projects to aid conservation in Madagascar while improving the lives of the local community.

Working with the local community is key to the Garden's program in Madagascar, which now includes more than 150 staff members, nearly all of whom are Malagasy.

"That's why our approach, having Garden staff living in the community, is very successful. We don't do anything unless they agree," Randrianasolo says.

Randrianasolo also works on two of the Garden's newly established conservation areas in Madagascar.

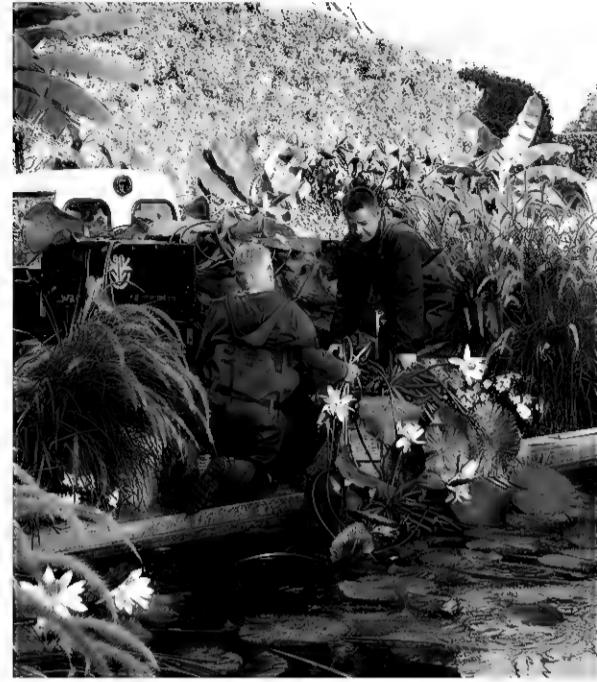
"That is unique at the Missouri Botanical Garden," he explains. "I can work in the country where I came from in a big way and contribute to all of that."



Armand Randrianasolo  
William L. Brown Center Curator



Left: Linnean House and water lily pools with Victoria lilies, 1890.  
Right: Derek Lyle and Steve Wolff clear out the water lily pools in October.



## Curator's Corner: Sachs Museum

The Garden is once again open to visitors, following the COVID-19 pandemic closure, but many buildings remain closed for safety. This includes the Sachs Museum. The planned exhibition on the art and horticulture of the Garden's water lily exhibitions will still take place, somewhat belatedly. *Nymphs of the Garden: The Water Lilies by Arslan* will be on view as soon as the Sachs Museum is able to reopen to the public. Several digital offerings are being planned to share elements of the exhibition to the public online; please keep an eye out for these notifications on the Garden's social media feeds.

Since the late 19th century, the Garden has hosted aquatic plants on the grounds and in the greenhouses. Several horticultural specialists have focused their talents and vision to propagate and design the Garden's water lily pools to have a spectacular show of many species and cultivars every summer. The *Nymphs of the Garden: The Water Lilies by Arslan* exhibition focuses on the Garden's history and collections of these exquisite plants while offering an aesthetic interpretation of the beauty of the Garden's water lilies by artist Arslan. Arslan was inspired by Claude Monet's important series of water lily paintings, *Les Nymphéas*, which are on permanent view at the Musée de l'Orangerie in Paris. Enjoy the artworks and specimens in the Sachs Museum, then find and delight in the water lilies as they grow and bloom in the pools around the Garden from May to October. Grateful thanks to Deborah and Patrick Starke and W. William and Kelly Haines for their support of the exhibition, in loving memory of Dorris Bachman Haines Davis.

Members can enjoy the exhibition in person during exclusive evening hours, Tuesdays in September (see page 22).

Readers of the *Bulletin* may remember a future concert collaboration at the Sachs Museum with the Bach Society of St. Louis. The concerts have been rescheduled to Spring 2021.

—Nezka Pfeifer, *Museum Curator*

photography by Matilda Adams and Tom Incrocci

## Garden's Tropicos Database Expands to More Than 1.3 Million Records

Grounded by stay-at-home orders and travel restrictions this spring, Garden research staff concentrated their efforts on entering new information into the Garden's Tropicos database ([tropicos.org](http://tropicos.org)), one of the oldest and most extensive electronic resources available for botanical research. Herbarium support staff logged information for more than 30,000 plant names throughout the COVID-19 lockdown, bringing the total number of plants documented in Tropicos to more than 1.3 million. "During normal times, these staff would be focused on other issues," explains Jim Miller, Senior Vice President of Science and Conservation. "Having them able to enter these names has helped us achieve a goal that would have otherwise been a longshot for the future."

## Center for Conservation and Sustainable Development Receives USDA Grant

Adam Smith of the Garden's Center for Conservation and Sustainable Development (CCSD), in collaboration with colleagues at Kansas State University and the University of Kansas, received a grant from the U.S. Department of Agriculture to study Big Bluestem (*Andropogon gerardii*), the dominant grass in tallgrass prairies of the Midwest. The project will explore interactions between the distribution, genetics, and associated soil microbes of this foundational species. The grant will support statistics graduate students from local universities to work under the mentorship of Dr. Smith.



A sparrow rests on Big Bluestem (*Andropogon gerardii*) at Shaw Nature Reserve.

# what can you do?



## Dig In to Online Learning Opportunities

Discover the stories behind popular plants, learn how to eliminate invasive species from your yard, treat your young ones to virtual, nature-based story time readings, and more. See a full list of educational videos at [discoverandshare.org/ourgardenyourhome](http://discoverandshare.org/ourgardenyourhome).

## Discover Green Living Tips

Whatever your question, the Garden's sustainable-living experts are at your service. The Green Resources Answer Service can help you find green products and services, evaluate green claims, plan your green home or lifestyle project, and answer other green questions. Visit [mobot.org/sustainability](http://mobot.org/sustainability) or email [greenresources@mobot.org](mailto:greenresources@mobot.org).

## Host Your Next Virtual Meeting or Family Gathering "From the Garden"

Add some Garden serenity to your next online conference call or happy hour with free backgrounds featuring some of the most beautiful and iconic Garden locations. Visit [discoverandshare.org/ourgardenyourhome](http://discoverandshare.org/ourgardenyourhome) to download.



## Relax and Rejuvenate Yourself Remotely

Experience the calming, restorative powers of nature in your own neighborhood! Curated by the Garden's therapeutic horticulture experts, our online well-being activities offer guided exercises that cultivate your sensory awareness and boost happiness through proximity to and appreciation of nature. Visit [discoverandshare.org/ourgardenyourhome](http://discoverandshare.org/ourgardenyourhome) to view offerings.



## Give the Gift of Garden Membership—or Save on Your Own!

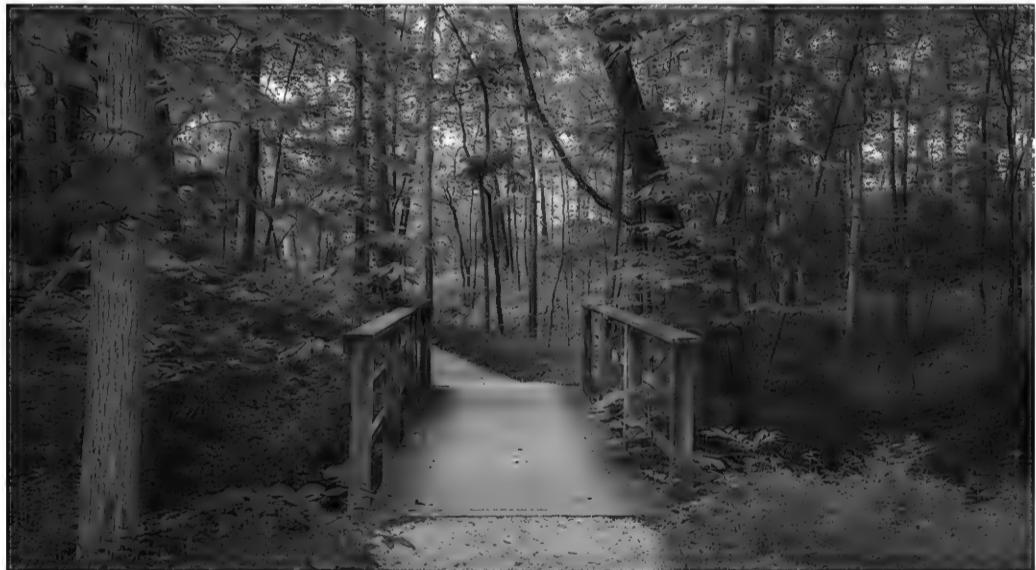
Take advantage of our 20% discount on general membership during Member Appreciation Days, November 8–15. Share the gift of the Garden with a friend or loved one for the holidays, or upgrade your own membership just in time for Garden Glow. Learn more at [mobot.org/memberappreciation](http://mobot.org/memberappreciation).





## Keep Growing with Fall Classes

Fun, engaging educational experiences for the whole family return this fall with hundreds of opportunities to learn about gardening, cooking, photography, green living, and more. See a complete list of upcoming classes and register online at [mobot.org/classes](http://mobot.org/classes).



Brush Creek Trail at Shaw Nature Reserve.

## Take a Virtual Tour of the Trails of Shaw Nature Reserve

Discover the vibrant biodiversity of Shaw Nature Reserve's 17 miles of hiking trails in the Sights & Sounds video series. Join host Andy Klingensmith, Experiential Learning Programs Coordinator for the Nature Reserve. Guided virtual hikes feature seasonal plants, pop quizzes, and behind-the-scenes information throughout the Nature Reserve's 2,441 acres. Visit [shawnature.org](http://shawnature.org).

photography by Matilda Adams, Tom Incrocci, and Cassidy Moody



LITTLE SHOP AROUND THE CORNER

ANTIQUES • HOME & GARDEN FURNISHINGS

## Hunt for Treasures Without Leaving Home

Though the Little Shop Around the Corner has been closed for much of the year due to COVID-19, you can still shop a selection of high-quality antique and vintage artwork, jewelry, silver, and other furnishings—and support the Garden with every purchase—through the Shop's online store on eBay. View current listings at [ebay.com/str/littleshoparoundthecornermobot](https://ebay.com/str/littleshoparoundthecornermobot).



Aerial view of Herring House. See other areas of the Garden from above in aerial video tours available at [discoverandshare.org/ourgardenyourhome](http://discoverandshare.org/ourgardenyourhome).

## Bring the Garden to You

You can enjoy the beauty of the Garden and grow your knowledge of the natural world, no matter where you are, with dozens of virtual resources available on our blog, Discover + Share. Travel Garden grounds and see what's blooming now in our virtual tours, explore Garden history through interactive StoryMaps, get expert gardening tutorials from our horticulturists, and more.

# GROWING TOGETHER

During closures and restrictions due to the COVID-19 pandemic, the Garden's important work goes on.



MESQUITE BOULDERS CAPTION: BUSHES

# 2020

**...was already set to be a transformative year for the Garden, with the Jack C. Taylor Visitor Center taking shape, a new exhibit set to debut on Garden grounds over the summer, and a potential record-long growing season for the Garden's water lilies. But like much of the world, staff were challenged to rethink, revise, and reinvent nearly every facet of the Garden's work due to the COVID-19 pandemic.**



Opposite: Andrew Wyatt, Senior Vice President, Horticulture and Living Collections, was part of the "skeleton staff" that cared for the Garden's living collection during the closure.

Above: Jim Miller in Madagascar.

## Remote Research

As a global institution that conducts research around the world, the Garden began wrestling with the implications of COVID-19 well before the first cases of the virus were confirmed in the St. Louis area.

Dr. Jim Miller, Senior Vice President of Science and Conservation, was in "the middle of nowhere" in Madagascar in the early weeks of March as international travel restrictions aimed at curbing the coronavirus' spread began to mount. With several days of planned field work still ahead of him, he decided to cut his trip short and return to the United States. Miller arrived in Antananarivo, Madagascar's capital, just as the U.S. announced plans to shut down flights from Europe—including Miller's path home. Fortunately, he was able to secure a plane to Paris that night and continue on to St. Louis in a timely fashion. "I feel really lucky," Miller says, acknowledging that his journey home would have been much riskier and more complicated if he had stuck with his original schedule.

Dr. Monica Carlsen, Assistant Scientist and Education Coordinator, also saw the impact of travel restrictions

early in March. All 10 of Carlsen's undergraduate interns, many of them internationally based, went on spring break unaware of what would happen next. Because they had traveled, Carlsen decided it was best that they did not return to the Garden—leaving Carlsen with no hands to help on any of the projects she had planned for the semester.

But international travel restrictions were just the start of the challenges Garden researchers would encounter as a result of COVID-19's spread. Once cases began to proliferate throughout the United States, safety precautions and "shelter in place" orders resulted in the delay—or, in many instances, the cancellation—of dozens of domestic research and conservation plans, which could impact the Garden's efforts for years to come.

"Missing one year of data collection with an endangered species can have important impacts on plant conservation," explains Matthew Albrecht, Associate Scientist at the Garden's Center for Conservation and Sustainable Development (CCSD). Albrecht and his team had planned to spend this spring continuing an annual study



Far left: Horticulture staff preparing the Garden to reopen for visitors.  
Left: Scientist Matthew Albrecht in the field.

Read more **Remote Research** stories on our blog at [discoverandshare.org](http://discoverandshare.org)

of population growth of Pyne's ground-plum (*Astragalus bibullatus*) in the limestone grasslands of Tennessee. Data collected would have helped determine where to place reintroductions of the species in the coming fall and provided guidance on future management actions of natural populations.

Even staff concentrated at the Garden's main campus had to alter or suspend their work once a "stay at home" order in St. Louis forced the closure of one of the Garden's most critical research resources—the Herbarium, which curators like Dr. Charlotte Taylor rely on to help identify new species. Without access to the Herbarium, Taylor was unable to confirm any new discoveries for months, which can have immediate impacts on conservation.

Fortunately, the Garden's Science and Conservation staff is an adaptive group, and it did not take long for researchers to refocus their efforts in the midst of an international lockdown. Some used the time to catch up on data analysis, while others worked to complete manuscripts and floras. When the "stay at home" order went into effect, Herbarium Research Manager Dr. Jim Solomon committed to finding ways for everyone on his team to continue working from home. "I thought it was important that each person felt that they were contributing to the essential functions of the science program, even if they were not at the Garden," he explains.

In more remote locations not subject to strict confinement orders, like the Garden's 13 conservation sites in Madagascar, day-to-day conservation efforts go on. And with most of the Garden's research staff continuing to work from home, international collaboration is thriving.

"Everyone is eager for contact and communication," says Roy Gereau, Assistant Curator for the Garden's Africa and Madagascar program. "We're having a lot of productive video conferences, and email traffic is way up."

Miller agrees that research work goes on in a modified but reasonably functional way. "None of us are running out of stuff we can do."

### A Lonely Spring

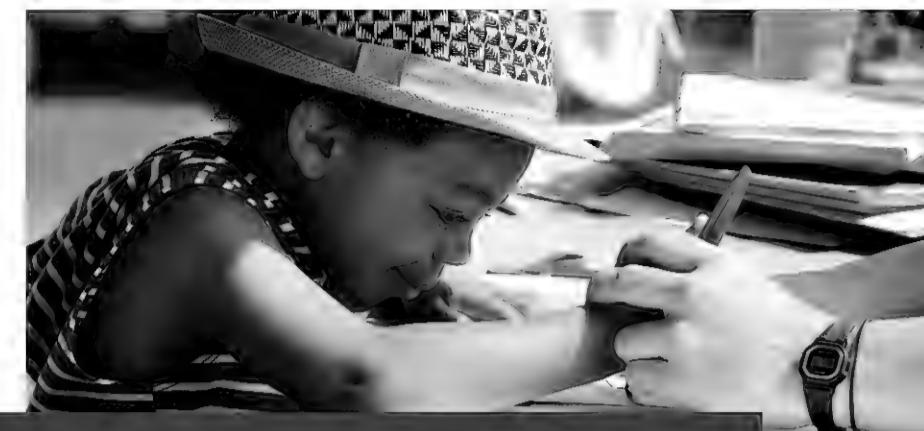
On Garden grounds, spring is usually one of the busiest times of the year. Beautiful blooms bring hordes of visitors, and horticulture staff are ever-present, working to maintain the living collection on display and behind the scenes in Garden greenhouses.

This spring looked different on the Garden's 79 acres. With the "stay at home" order closing all nonessential locations, Garden grounds were empty. A skeleton staff of just seven horticulturists, working in isolation, did their best to keep up with the work normally undertaken by 60 staff members and more than 500 volunteers.

Derek Lyle, Senior Nursery Manager, describes the experience of maintaining an empty Garden as "unusual, peaceful, and also exhausting." Operating with such a small crew required hard choices. Concentrating on the most essential tasks meant the team was not able to plant spring displays, resulting in composting most of the seasonal spring crop.

Keeping the Garden tended and thriving while advancing the Garden's mission also proved challenging with so few hands, slowing progress in plant conservation efforts. Some were thwarted by the same travel restrictions

Enjoy video tours, nature-based story time readings, and more on the Garden's YouTube channel at [youtube.com/mobotvideo](https://youtube.com/mobotvideo).



View Green Living Festival videos at [mobot.org/greenlivingfest](https://mobot.org/greenlivingfest).

that hindered Garden researchers. Horticulturist and arborist David Gunn was scheduled for a trip in late May through Arkansas, Louisiana, Mississippi, and Texas, where he planned to scout for the Tree Gene Conservation Partnership, a collaboration between the American Public Gardens Association and the United States Forestry Service's Forest Health Protection. Instead the trip was canceled. Gunn spent May at home, unable to visit Garden grounds and begin the annual task of pruning the woodlands he maintains.

Still, like their research counterparts, the Garden's resourceful horticulturists found creative ways to contribute while confined at home. Shortly after the "stay at home" order was issued, several shifted to examining a list of 70,000 potentially at-risk target species across the Caucasus, Russia, Central Asia, and China. The goal of this project is to determine the hardiness of species for the St. Louis climate and ornamental value in Garden displays.

### #MobotToYou

Others in horticulture used their time at home to demonstrate gardening techniques and offer suggestions from their own home gardens via videos shared on the Garden's social media channels, one of several video series launched by the Garden's Marketing and Communications team shortly after the temporary closure began in March. From majestic aerial footage of cherry blossoms and magnolias to virtual tours of Garden beds brimming with tulips and bulbs, followers on the Garden's Facebook, Twitter, Instagram, and YouTube accounts were able to virtually enjoy the colors of spring.

photography by Karen Fletcher and Sundos Schneider

The Garden's blog, Discover + Share, became a hub of virtual resources including gardening tutorials, plant profiles, scavenger hunts, and other activities to help families isolated at home remain connected to nature during the pandemic. The Garden hosted its first online-only class in June, and education staff developed virtual school programs and field trips to ensure that local educators can continue to rely on Garden programming.

Embracing the virtual community even further, the Garden's EarthWays Center hosted its 2020 Green Living Festival entirely online for the first time in the festival's 19-year history. Presented by Ameren Missouri, the virtual festival featured three days of panel sessions, family-friendly activities, workshops, and exhibitor spotlights focused on specific areas of sustainability: green living, energy and efficiency, and NatureScaping.

All resources from the event remain available on our website at [mobot.org/greenlivingfest](https://mobot.org/greenlivingfest).

While the Garden has reopened to the public and our work to conserve plant life goes on, much about the future remains uncertain. We do know that all of these efforts—past, present, and future—are only possible with your support. Thank you!

# Gateway to the Garden

A New Era Begins

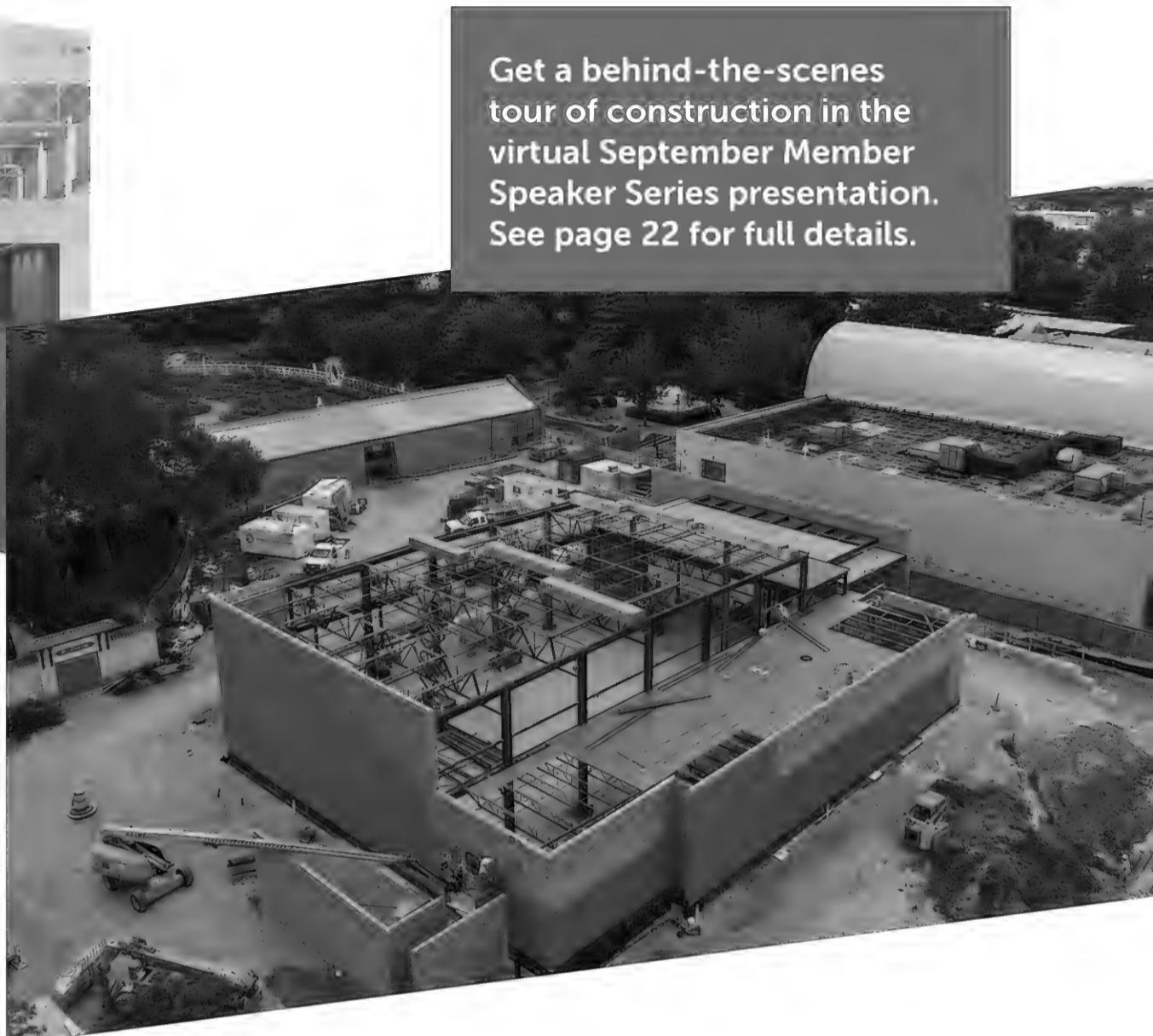
Phase 1 Construction Ends and Phase 2  
Begins on the Jack C. Taylor Visitor Center





One door closes and a new one opens as construction on the Jack C. Taylor Visitor Center reaches its next milestone this October.

Get a behind-the-scenes tour of construction in the virtual September Member Speaker Series presentation. See page 22 for full details.



Opposite: South view rendering of the temporary visitor center in use throughout Phase 2 of construction.  
Left: Interior rendering of the temporary visitor center.

Above: The Event Center of the Jack C. Taylor Visitor Center rises just north of the Linnean House conservatory.

January 2020  
Begin Construction  
on Event Center

Phase 1  
January 2020–October 2020  
Construction of Event Center

Phase 2  
October 2020–March 2022  
Construction of Main Entrance

Phase 3  
March 2022–July 2022  
Finishing Touches

**G**arden visitors will get their first glimpse into the future of the Garden experience this fall as construction of the Jack C. Taylor Visitor Center transitions from Phase 1 to Phase 2. At that time, the newly constructed Event Center will become the temporary entry point to the Garden.

Phase 2 is on schedule to begin October 31. It will encompass the largest portion of construction on the new Visitor Center, spanning the rest of 2020, all of 2021, and the first several months of 2022. During this phase, the existing Ridgway Visitor Center will close for demolition and the new Event Center, currently in the final stages of its

initial assembly, will serve as the temporary entrance and exit for daily Garden visits.

The temporary entrance/exit facility will be home to ticketing, membership services, and a “pop-up” Garden Gate Shop retail area. It will also offer light dining and beverage service, with limited seating available overlooking the new Linnean Plaza.

Once visitors emerge from the temporary visitor center, they will proceed through an entirely new doorway on the north side of the Linnean House conservatory and then out to the broader Garden.



## This Old Greenhouse

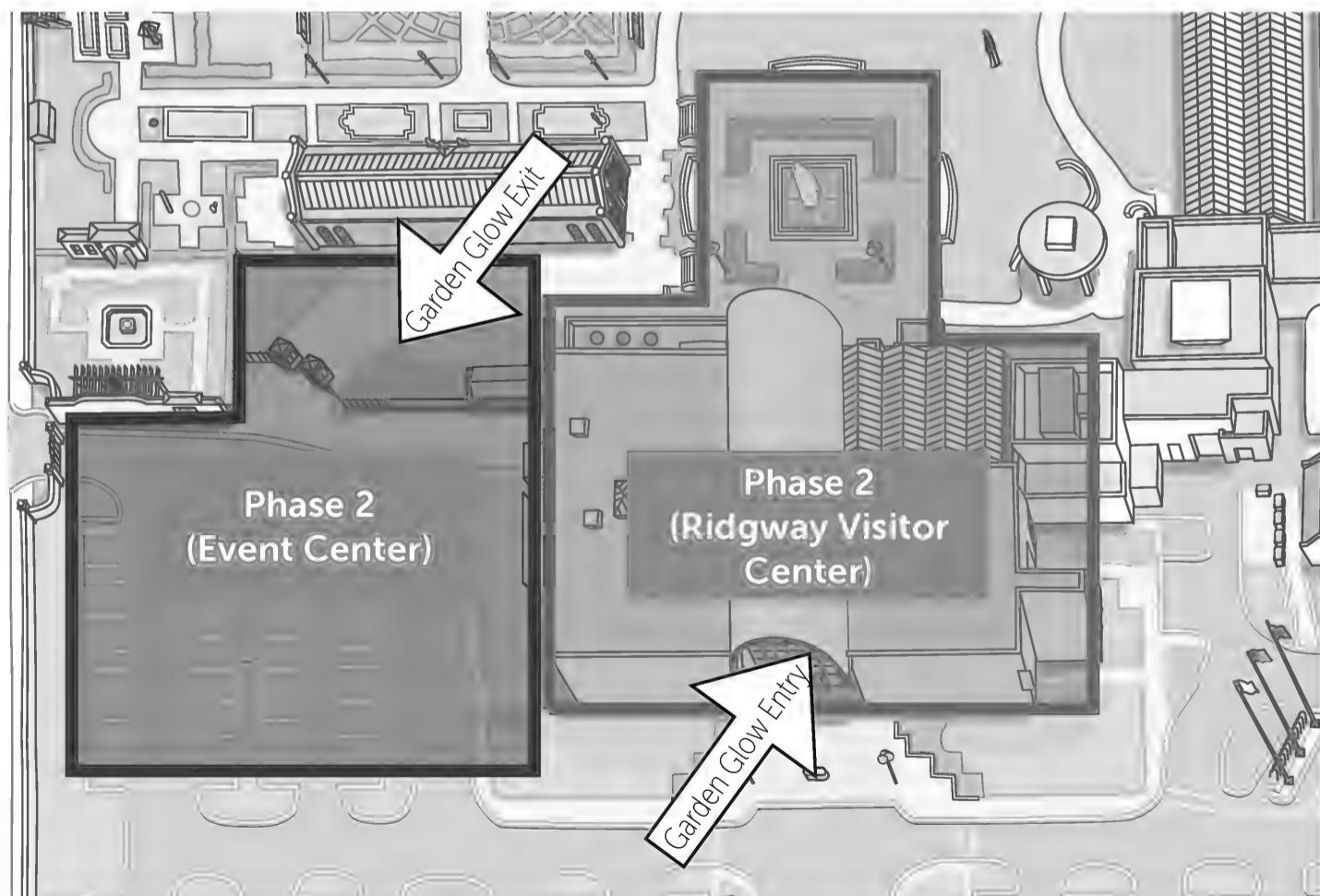
Apart from the construction of the Event Center, the most significant changes visitors will see at the end of Phase 1 will be in the historic Linnean House. Originally constructed as an orangerie to house the Garden's citrus collection over winter, this popular conservatory has seen many changes over its 138 years. Permanent beds were added shortly after World War I, shifting its use from an overwintering house to a cool display greenhouse.

These beds were most recently home to the Garden's camellia collection and have been removed during construction, increasing capacity for rotating displays of citrus, cacti, and other seldom-displayed plants from the Garden's production greenhouses.

## What's Glowing On This Holiday Season

Garden Glow visitors will be among the first to see the new Event Center. In order to ensure a safe, seamless experience, your Garden Glow arrival and exit will be a little different this year. Visitors arriving for Garden Glow will enter through the Ridgway Visitor Center and proceed into the Garden.

At the end of your Garden Glow experience, you will exit through the new Event Center of the Jack C. Taylor Visitor Center.



During Garden Glow, visitors will enter through Ridgway Visitor Center (red) and exit through the new Event Center of the Jack C. Taylor Visitor Center (teal).

## Be a Part of the Transformation

### Visit.

Garden access remains open throughout construction. Beginning October 31, daytime visitors will enter and exit through the temporary visitor center in the new Event Center of the Jack C. Taylor Visitor Center. Beginning January 2021, this facility will be the single point of entry/exit for the duration of Phase 2. Ample parking—more than 700 spaces in total—is available across our three visitor parking lots.

### Donate.

Every gift supports the Garden and our mission. Learn more about being a major contributor by calling Patty Arnold, Vice President of Institutional Advancement, at (314) 577-9500.

### Get updates.

Attend our Virtual Member Speaker Series on September 16 to meet the architects (see page 22) and visit [mobot.org/taylorcenter](http://mobot.org/taylorcenter) for the latest updates.

**During construction of the Jack C. Taylor Visitor Center, the Garden is pleased to recognize some of the generous donors making this project possible.**

## Leadership and Mission Support: The William T. Kemper Foundation

For 30 years, the William T. Kemper Foundation has provided significant, mission-focused support to the Missouri Botanical Garden. The Foundation was established in 1989 following the death of William T. Kemper, Jr., a prominent banker, art patron, and philanthropist. Through the years, the Foundation has focused on education, human services, civic improvement, and the arts.

The support and engagement of the Kemper Foundation can be seen throughout the Garden landscape and our history. The most prominent example is the William T. Kemper Center for Home Gardening, serving as the largest and most comprehensive free resource for home gardeners in the Midwest. It is also seen in the Mildred Lane Kemper Terrace Garden, one of the Kemper Center for Home Gardening's 23 demonstration gardens.

The Kemper Foundation's support of horticulture, plant science, and conservation is evident in their philanthropy and extends well beyond the Kemper Center for Home Gardening. Over the years, the Foundation has supported the development of the Commerce Bank Center for

Science and Education, global botanical research and plant conservation efforts, and the development of the Oertli Family Hardy Plant Nursery. Most recently, the Kemper Foundation has chosen support the development of the Jack C. Taylor Visitor Center.

"The Kemper Foundation has been proud to support projects that enhance the quality of life for members of our community, which makes the Missouri Botanical Garden a natural fit," says David W. Kemper, Garden Trustee and great-nephew of William T. Kemper. David has been a member and advocate for the Garden since he and his wife Dotty moved to St. Louis in 1985. He has served on the Garden's Board of Trustees since 1987, including a term as Chairman of the Board from 1998 to 2000.

"The new Taylor Visitor Center provides more than a fitting entrance for the world-class Garden; it will be a focal point of the renaissance in St. Louis occurring from Tower Grove Park to Cortex," David says. "We are excited to see how the community engages with the Garden in the decades to come."

## A Philosophy of Health and Education: Centene Charitable Foundation

Since 2004, the Centene Charitable Foundation has supported initiatives that improve the quality of life and health in our communities. The Foundation began contributing to the Missouri Botanical Garden in 2015 to expand programs that embrace all populations regardless of ability, age, race, or economic status.

The Centene Charitable Foundation invests in innovative programs and services that reach the most vulnerable populations. Centene's purpose of transforming the health of the community, one person at a time, shapes the Foundation's approach to community investments. The Foundation's philosophy of investing in long-term and far-reaching initiatives in health, education, youth, and the arts makes the Garden a natural fit for their support.

"In line with Centene's history of increasing access to healthcare, we support institutions that provide access to new experiences and contribute to valuable research," says Michael Neidorff, Chairman, President, and CEO of Centene. "It's a privilege to have a world-class cultural institution like the Missouri Botanical Garden in St. Louis, and we're honored to advance its impact locally, across the

country, and around the world."

Following this synergy with their giving philosophy, the Centene Charitable Foundation has chosen to support the development of the Jack C. Taylor Visitor Center. The Foundation is supporting the new Events Center of the project, which will be a premiere location for the Garden's signature events, weddings, corporate events, and other community programs. The new Taylor Visitor Center will greatly increase the Garden's ability to provide educational programming as well; the Event Center and classrooms will also be available for increased use by school groups, scout groups, and continuing-education programs.

"The Taylor Visitor Center will allow even more St. Louisans to enjoy everything the Garden has to offer. We're proud to contribute to the vision of the Garden's founder, Henry Shaw, when he declared the Garden 'for the use and enjoyment of the public for all time.' This transformational project will ensure children, youth, and adults from all walks of life can take part in the Garden's educational offerings," says Mr. Neidorff.

# Commemorating a Decade of Discovery and Growth

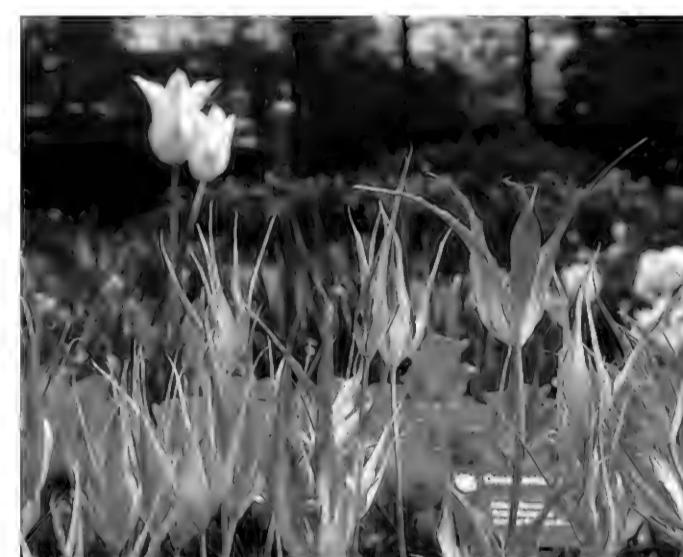
## Garden Accomplishments by the Numbers

**2020** marks Dr. Peter Wyse Jackson's 10th year as Garden President, capping a decade of significant progress across several important pillars of the Garden's ongoing—and continually evolving—mission.

"Now that I am in my 10th year at the Garden, I have enjoyed looking at our progress over the past decade," says Dr. Wyse Jackson. "These advancements show the confidence you have in our work and our future. Thank you for your commitment to the Garden, and thank you for making our mission possible."



Dr. Peter Wyse Jackson



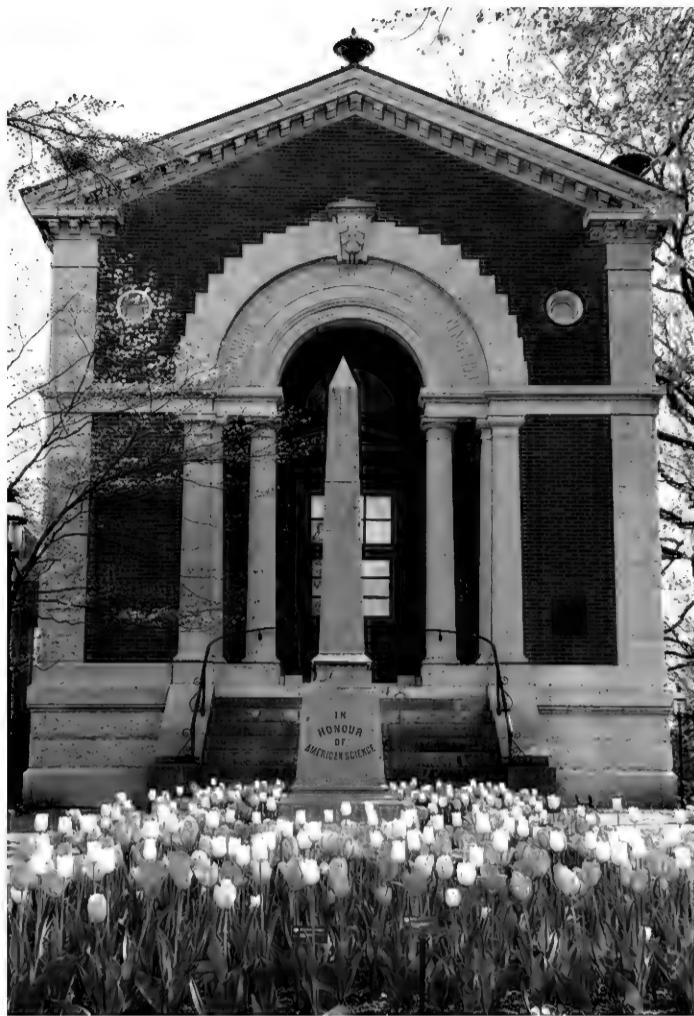
**56,000+** total plantings in the Garden



**7.5 million** plant specimens in the Garden's Herbarium (an increase from fewer than **5 million** at the start of the decade)

Left: Seed collecting. Middle top: Tulips are one of the many vibrant blooms that blanket the Garden in spring. Middle bottom: Staff and volunteers remove summer displays and plant bulbs in the fall. Right: A moss specimen in the Garden's Herbarium.

photography by Lisa DeLorenzo Hager, Cassidy Moody, and Dilip Vishwanat



**91,000+ visitors** to the newly reopened Stephen and Peter Sachs Museum



**35 countries across 6 continents** are home to ongoing fieldwork

**53,000+** local students and teachers participating in Garden math, science, and environmental education programs annually



**1,350+** endangered species now being conserved in the Garden's living collection (up from **200** in less than **10** years)



### Six Decades Under the Dome

For 60 years, the Garden's Climatron conservatory has welcomed visitors to an authentic and immersive rainforest unlike any environment outside of the tropics. Learn more about the history of the Climatron and the work that goes on under the geodesic dome on our blog at [discoverandshare.org/climatron60](http://discoverandshare.org/climatron60). Share your Climatron memories on social media with the tag #Climatron60.

# just for members



i

Information and registration at (314) 577-5118 or [mobot.org/memberevents](http://mobot.org/memberevents).

All programs are subject to change based on updated safety measures.



## Member Evening Hours

Tuesdays, September 8, 15, 22, and 29 | 5–7 p.m.

Stroll the Garden during exclusive evening hours just for members. Enjoy the Garden grounds and an in-person look at *Nymphs of the Garden*, the new exhibition in the Sachs Museum (see page 9). Kick off the series on September 8 with live music and free North Star frozen ice cream treats provided by

Prairie Farms Dairy. Please note food and drink will not be available on other nights. As with daytime visits, your membership level determines the number of free entries you receive. Advance e-tickets recommended; walk-ins welcome as space permits.

## Virtual Member Speaker Series: Gateway to the Garden

Wednesday, September 16  
2–3 p.m.

Join representatives from Ayers Saint Gross, the architects of the Jack C. Taylor Visitor Center, for a virtual conversation about the historic project taking shape at the Garden. FREE for members; registration required.

## Virtual Member Speaker Series: All the Presidents' Gardens

Thursday, October 22  
11 a.m.–noon

As Election Day nears, historian and author Marta McDowell presents a fascinating look at how the White House grounds have grown and changed over administrations. FREE for members; registration required.



## M•E•M•B•E•R APPRECIATION DAYS

Sunday, November 8–  
Sunday, November 15  
More than ever, the Garden is grateful for our members! For one special week, we are showing our appreciation by supersizing member benefits, offering a 20% discount on general membership, and kicking off the holiday season. Join us for the Garden Glow Previews and the annual Holiday Decorating Member Speaker Series (offered as a virtual event on November 10).

Learn more about special offers and events across our three locations at [mobot.org/memberappreciation](http://mobot.org/memberappreciation).

photography by Tom Incrocci, Mary Lou Olson, Wesley Schaefer, and Margaret Schmidt

### Ghouls in the Garden

#### Scavenger Hunt

Saturday, October 24–

Sunday, October 25

10 a.m.–4 p.m.

Join a socially distanced alternative to our annual children's event. Visit the Garden—in costume if you like—for a self-guided scavenger hunt and family friendly entertainment.

FREE for members;  
registration required.

### Garden Glow Festival

#### Member Preview NEW!

Presented by Wells Fargo

Sunday, November 8

5–10 p.m.

Festival-level members are invited to a special Garden Glow kickoff for an early look at the lights, live festive music, and holiday surprises! Advance redemption of complimentary Festival tickets or timed ticket purchase required.

### Garden Glow

#### Member Previews

Presented by Wells Fargo

Monday, November 9–

Tuesday, November 10

5–10 p.m.

All members are invited to two special nights to preview Garden Glow, with a walking path through more than one million lights. Food and drink available for purchase. Advance timed tickets recommended.

# special events

## Fest-of-Ale Beer Trail

Presented by SmithAmundsen

Instead of our usual onsite Fest-of-Ale, the Young Friends are teaming up with the area's best breweries for the Fest-of-Ale Beer Trail. Purchase your Beer Trail Pass for free offers from local breweries and bars to redeem all fall long.

How it works:

- Purchase a Fest-of-Ale Beer Trail pass from the Garden.

*Now on sale for \$20 members/\$25 nonmembers; limited quantities available!*

- Watch your mail for your pass to arrive.
- Visit each participating brewery any time between September 1 and November 30.
- Show your pass, redeem your offer, and enjoy your beer!

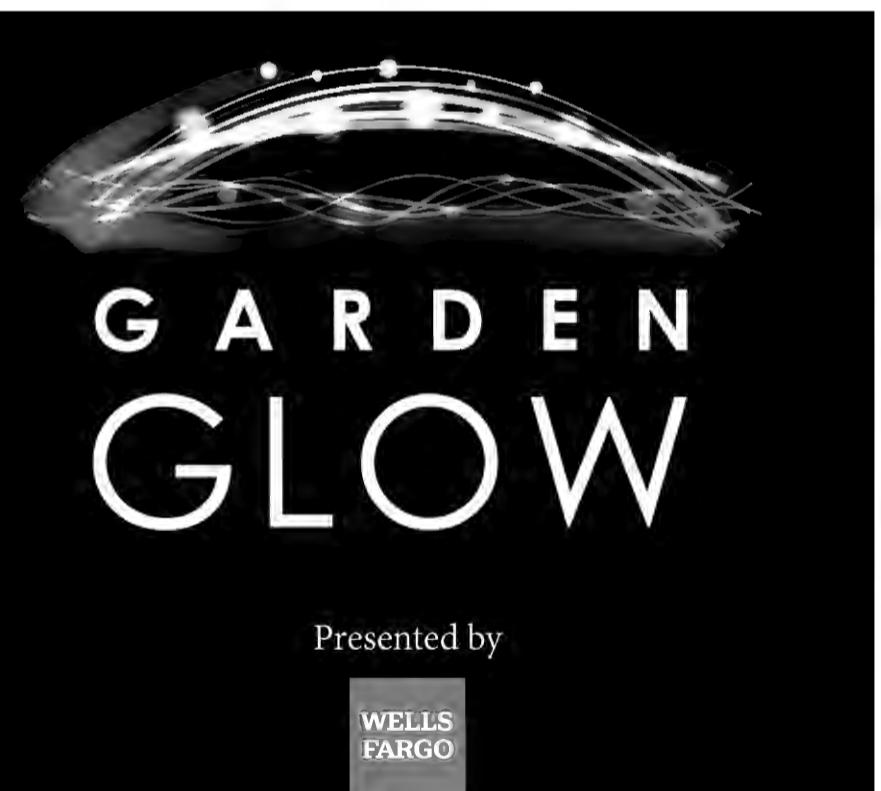
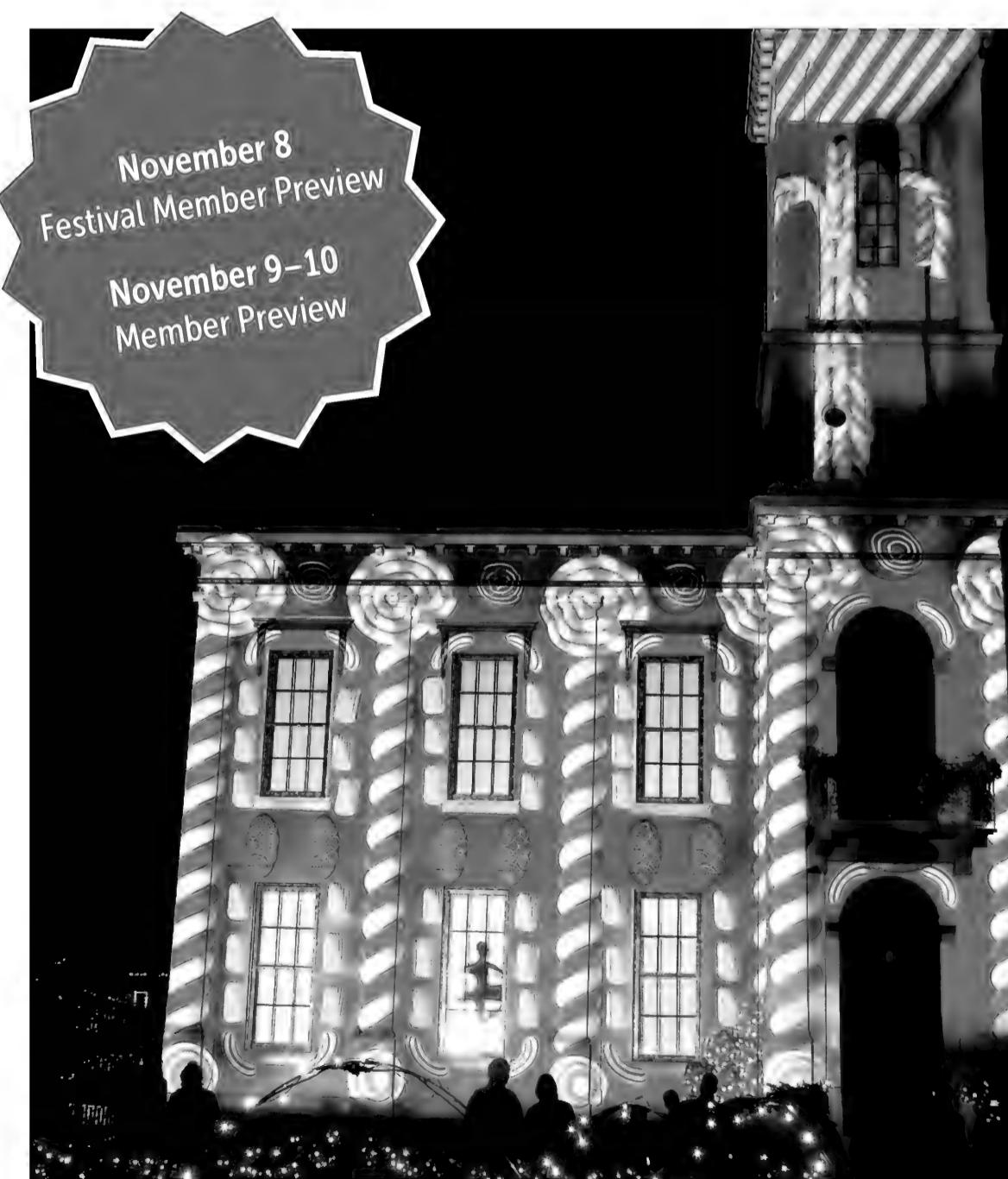
Visit [mobot.org/festofale](http://mobot.org/festofale) or call (314) 577-5118 for a list of participating partners and to purchase your pass.



## Best of Missouri Market®

October 2–4

It's not fall at the Garden without the Best of Missouri Market. This year's Market will be scaled back, but it will still bring together dozens of the finest artisans and crafters from the region, along with live music and delicious, locally produced food and beverages. Advance tickets highly recommended. Learn more and purchase tickets beginning September 8 at [mobot.org/market](http://mobot.org/market).



November 8–January 2, 2021  
Open nightly, closed December 24 and 25

Garden Glow brings holiday magic to the Garden on even more evenings this year, with a bigger display than ever and additional safety protocols in place. Reserve or purchase your tickets in advance at [mobot.org/glow](http://mobot.org/glow).

# giving societies

Behind the Scenes with the

## Garden GIVING SOCIETIES

We are excited to take our Garden Giving Society members behind the scenes beginning in September with a series of virtual events: the Spotlight Series! These events are designed to offer special access to places and people you might not normally encounter, deepening your connection to the Garden's mission.

The Garden Giving Societies recognize members at the \$500 President's Contributor level and higher who provide increased annual investment in the Garden and our global mission. Their annual gifts provide essential support for our work in plant conservation, education, and sustainability.

Members of the Garden Giving Societies will receive special invitations this fall to enjoy these programs:



### Spotlight Series: the New Visitor Center

September 15

Connect virtually with the architects of the Jack C. Taylor Visitor Center from Ayers Saint Gross. Learn more about the amenities of the new space, see sustainable building practices in action, and enjoy an opportunity for a question-and-answer session with the team.



### Spotlight Series: Teahouse Island

October 21

Take a virtual tour of the secluded Teahouse Island of *Seiwa-en*, the Japanese Garden. Explore the island's bridges, lanterns, and *soan*, or "farm hut" style teahouse, assembled at the Garden by Japanese craftsmen and dedicated with a Shinto ceremony in 1977.



### Join the Giving Societies

Interested in joining the Garden Giving Societies and going behind the scenes with us? Contact Sarah Palermo, our Senior Manager of Annual Leadership Giving, at (314) 577-5173 or [donors@mobot.org](mailto:donors@mobot.org).

Learn more at [mobot.org/givingsocieties](http://mobot.org/givingsocieties).



### Spotlight Series: the Climatron

November 18

Celebrate the 60th anniversary of the first geodesic dome used as a conservatory with this virtual tour. Experience the beauty of our iconic conservatory and discuss the rare plants that have made the Climatron their home over the years.



### Spotlight Series: the Orchid Range

January 20, 2021

Take a virtual trip into the greenhouses with Babs Wagner to explore the orchid range. Learn more about the diverse environments our orchids thrive in when not on display to the public and how the historic collection has grown and changed over the years.

# commemorative gifts



The lush summer vistas of *Seiwa-en*, the Japanese Garden. Photo by Kent Burgess.

**January–June 2020**  
A commemorative gift is a wonderful way to honor family and friends. Gifts of \$100 or more are listed in the *Bulletin*. For more information about giving opportunities, call (314) 577-5118 or make a commemorative gift at mobot.org/tributes.

## In Honor of

**Premsti Barton**  
Dr. Melissa Barton  
Kevin Barton

**Susan R. Brennan**

Mr. and Mrs. Thomas Depke

**Ann P. Cradock**

Jo and Steve Ham

**Teresa David**

Benson Hill—CEE Team

**Melanie Fathman**

Ken and Pat Schutte

**Mr. and Mrs.**

**Richard C. Holton**

Mr. and Mrs.  
Raymond W. Peters II

**Mr. Thomas Horscroft**

Ms. Sara Rosso

**Mr. Gregory Krekeler**

Ms. Patricia R. Arnold

**Douglas Ladd**

Garden Club of St. Louis

**Sharon and Colleen Martin**

Mr. Paul Martin

**Mr. James McKown, Jr.**

Mr. and Mrs.

Christopher K. Reid

## Mrs. Cheryl Mill

Milton Mill

## Ms. Mary Pollock

Mr. and Mrs. Dan M. Bainter

## Drs. Peter and

## Patricia Raven

Tom and Cindy Woolsey

## Mrs. JoAnn W. Vorih

Ken and Pat Schutte

## Mary Helen Winsby

Mrs. Meredith McVehil

## In Memory of

### Janet Aach

David and Peggy Hollabaugh

Mrs. Julie L. Plax

### Cora May Beggs

Walter, John, and  
Don Schweitzer

### Mildred C. Benne

Bruce and Dianne Sachs

### Catherine B. Berges

Mr. and Mrs. Richard T. Grote

Mr. and Mrs. Dean Kent

Mr. and Mrs. David M. Hollo

David and Jane Ortvals

Mr. and Mrs.

Raymond W. Peters II

### Thomas E. Berry

Joe and Mary Alice

Pojanowski

### Phil Bolian

Ms. Judith A. Harmon

The St. Louis Herb Society

## Allen Boston

Ann L. Case

St. Louis Herb Society

## Ann M. Bowen

Ms. Patricia R. Arnold

Ann L. Case

Mr. and Mrs.

Parker B. Condie, Jr.

Mrs. Sue M. Rapp

Mr. and Mrs. Rick Sullivan

The Tao Family

Mrs. Liz Teasdale

## B. A. "Dolph" Bridgewater

Mr. and Mrs. David M. Hollo

## William E. Brush, Sr.

Mr. and Mrs. James Osbourn

## Ms. Irma M. Cannas

Ms. Carolyn S. Austin

## Mr. Jack Carey

Mrs. Anne T. Weidmann

## Mildred C. Benne

Bruce and Dianne Sachs

## Catherine B. Berges

Mr. and Mrs. Richard T. Grote

Mr. and Mrs. Dean Kent

Mr. and Mrs. David M. Hollo

David and Jane Ortvals

Mr. and Mrs.

Raymond W. Peters II

## Thomas E. Berry

Joe and Mary Alice

Pojanowski

## Phil Bolian

Ms. Judith A. Harmon

The St. Louis Herb Society

Mr. and Mrs. J. Rodney Bryan

Mr. and Mrs.

Charles E. Claggett, Jr.

Ms. Kimberly Edwards

Mr. and Mrs.

Lucien R. Fouke, Jr.

Mr. and Mrs. Richard T. Grote

Dr. and Mrs. Duane Q. Hagen

Mr. and Mrs.

Robert R. Hermann, Jr.

Mr. and Mrs.

Edward D. Higgins

Mr. and Mrs. David M. Hollo

Katie and Rob Holton

Mr. and Mrs. George Koob

Bill and Lois Leith

Mr. Bernard Markey

Mr. and Mrs.

John C. McPheeters

The Northern Trust Company

Mr. and Mrs.

Raymond W. Peters II

Mr. Roy Pfautch

Mr. and Mrs.

Thomas Rauch, Jr.

Cary Schneithorst Reed and

Larry Reed

Frank and Cindy Sant

The Shaughnessy Family

Mrs. Lee R. Wallace

Ron and Louann Yates

Michael Vitello

Petya Vassilev

Cristina and David Walden

Dr. and Mrs.

Peter Wyse Jackson

**Santiago Cortopassi**

Gene and Kim Diederich

Mary and Jeff Thompson

**Josephine Coscia**

Ms. Tracey Baird and

Ms. Carolyn Albert

Mr. and Mrs. Clifford Bellone

Mariana and Beltcho

Beltcheva

Michael Caito

Jerry Chapman

Dom and Gloria Dellipizzi

Joseph and Gladys Dellipizzi

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## Mrs. Arden M. Fisher

# commemorative gifts



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		John and Mary Loy	Ms. Sarah Thomasson	Mr. Donald A. Skor
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			Jerome L. Gidlow	
			Fred and Ann Glaize	

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Missouri Botanical Garden

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Casey Zona

### **Bettie Haltenhof**

Bob, Gene, Anne, Susie,  
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### **Joan Koch**

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Star Craven

Joseph Koch

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Carol Laciny

## **Kara Koeninger**

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## **Mary J. Liddy**

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Japanese American  
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## **Mary Mosblech**

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Beverly Palmer  
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## **Felicity Ogier**

Mrs. Victoria Power

## **Sharron Pollack**

Joseph Weixlmann

## **Gary Porterfield**

Marc Sanders

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# commemorative gifts



The Missouri Botanical Garden is deeply saddened by the loss of many close friends over the past months, including several Trustees. We honor their dedicated service and leadership with these remembrances.

## In Memoriam: Catherine "Cathy" B. Berges

Cathy Berges passed away in May. Cathy and her husband Jim have been members of the Missouri Botanical Garden since the late 1980s and were among the founding members of the Chairmen's Circle of the Garden Giving Societies. They are also members of the Heritage Society.

Cathy was an active volunteer leader across the St. Louis community and a supporter of many organizations. She served as chair of the Butterfly House Advisory Committee and joined the Garden's Board of Trustees in 2004. Cathy served in several roles during her tenure, including participating on several Board committees. Her leadership included the role of vice chair in 2018 and 2019.

Cathy and Jim supported special projects, programs, and events in addition to maintaining their Giving Society membership. They supported the *Stewards of the Earth* and *Garden for the World* campaigns, as well as the development of the Jack C. Taylor Visitor Center. Cathy and Jim served on the committee for several Butterfly House Wing Ding galas and were the co-chairs of the 2006 Chihuly Gala.

Cathy and Jim made gifts to grow the Garden's endowment, fund education programs, and sponsor major exhibits. Truly, Cathy was a leader and friend who supported all facets of the Garden's mission.



## In Memoriam: Herbert "Bert" D. Condie III

Bert Condie, longtime Trustee and friend to the Missouri Botanical Garden, passed away in February. Bert and his wife Karen joined the Garden in 1979 and quickly became major supporters and advocates. They provided significant annual contributions as members of the Raven Society for more than 20 years and participated in a variety of fundraising events and celebrations.

The couple invested in major Garden initiatives, such as the creation of the Doris I. Schnuck Children's Garden through the *Stewards of the Earth* campaign. Bert and Karen also supported a variety of plant science and research initiatives, particularly our research and conservation work in Madagascar.

We are especially grateful for Bert's service as an Emeritus Trustee since 2003, as well as his leadership on several Board committees during that time. The Garden is one of many organizations across St. Louis that benefited from Bert's leadership and philanthropy, and he will be greatly missed in our community.

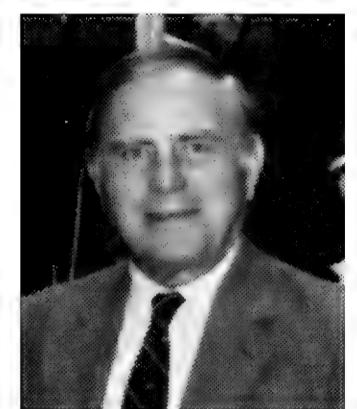


# commemorative gifts

## In Memoriam: Robert "Bob" R. Hermann, Sr.

Robert "Bob" R. Hermann, Sr. passed away in April. He had been a friend to the Garden for more than 60 years. Bob joined the Board in 1966 and served as an Emeritus Trustee until the time of his passing. He also served on the Development and Nominating Committees of the Board.

Bob and his late wife Mary Lee were exemplary leaders. They maintained a high-level personal membership and became members of the Chairmen's Circle. They engaged with all major initiatives at the Garden, including leadership gift donations to multiple capital campaigns. Bob chaired the capital campaign for the Garden in the late 1970s. He and Mary Lee also chaired two major, successful galas for the Garden and hosted a welcome event when Dr. Peter Wyse Jackson first came to St. Louis.



Bob also engaged his children with the Garden, and we benefit from a multi-generational family relationship to this day. Bob's leadership and philanthropy benefited several organizations across our community, and the Garden is fortunate to have enjoyed his friendship and acumen.

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## In Memoriam: Charles E. Kopman and Sally O. Kopman

Both Charles and Sally Kopman passed away in April. They were Garden members for more than 40 years. Charles became a Garden Trustee in 1990 and served on several committees during his leadership tenure. They were members of the Henry Shaw Society for many years and made additional gifts to both the Garden and Nature Reserve to support major initiatives and campaigns.



Charles and Sally supported a variety of organizations across the St. Louis community. When her children were young, Sally served as a docent for the Saint Louis Art Museum, volunteered with Head Start, and chaired the St. Louis Book Fair. She worked for several institutions across our community and facilitated at Washington University's Lifelong Learning Institute for 18 years. We are so honored the Garden held a special place in her vibrant and active lifestyle.

Charles' commitment to the Garden and Nature Reserve was a clear continuation of his philanthropic and conservation priorities. In addition to his time as a Trustee, Charles served as the director of the Conservation Federation of Missouri, president of the Missouri Chapter of the Nature Conservancy, director for the Open Space Council of St. Louis, member of the Missouri Advisory Committee on Environmental Education, and member of the Sierra Club.

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## In Memoriam: Robert "Bob" E. Kresko

Robert E. Kresko passed away in April. He and his wife Dorotha Nelle have been supporters of the Missouri Botanical Garden for 50 years. Bob was elected to the Garden's Board of Trustees in 1981 and was elected President of the Board in 1989. He moved into an Emeritus Trustee position thereafter.

Under Bob's leadership, the Garden completed the capital campaign of the late 1980s, during which renovations and improvements were completed to the Climatron, Shoenberg Temperate House, Brookings Exploration Center, William T. Kemper Center for Home Gardening, and Spink Pavilion.



Bob and Dorotha Nelle also supported the *Partnership Campaign* in the 1990s, the *Stewards of the Earth* campaign in the early 2000s, and the more recent *Garden for the World* campaign. They attended—and supported—galas, members' events, and festivals including Chinese Culture Days. Lasting influences of their philanthropy are evident in the Kresko Victorian Garden and within the Climatron.

We are proud to have presented Bob with the Henry Shaw Medal in 1993 for his service and dedication to the Garden.

# commemorative gifts

## In Memoriam: John C. McPheeters

John C. McPheeters passed away in June. He and his wife Connie have been supporters of the Missouri Botanical Garden for more than 45 years and members of the Raven Society for more than 20 years. John also provided leadership on several Mission Councils supporting the Board of Trustees, including the Horticulture and Conservation Mission Councils. He served on the Shaw Nature Reserve Advisory Group and was a member of the Botanical Garden Subdistrict of the Metropolitan Zoological Park and Museum District (ZMD).



John and Connie provided support for several mission-focused initiatives across the Garden. From Shaw Nature Reserve to the William T. Kemper Center for Home Gardening to the Center for Conservation and Sustainable Development, John and Connie's gifts support our work in ecological restoration, weather and climate studies, and the advancement of women in plant science.

In addition to these significant contributions to our mission, John and Connie supported fundraising events such as the Lantern Gala, the Garden's endowment, and the development of a Restoration Outreach Coordinator position to focus on education and removal of invasive species across our community.

John's leadership will have an impact on our Garden and our community for decades to come.



photography by Claire Cohen

## First Steps for Retirement and Estate Planning

Members of the Garden's Heritage Society create legacy gifts which provide the foundation of the Garden's future. Thinking about estate or retirement planning doesn't have to be intimidating and can be done at any time and at any stage of life, whether you are 25 or 95.

### Why think about estate and retirement planning now?

Starting an estate or retirement plan can help you:

- Manage your current assets.
- Plan for your future.
- Determine the beneficiaries of your estate.
- Minimize your tax liability and future expenses.

### Who can help you start a plan?

Resources are available to help you start your plan at any time. Experts include:

- Financial planners and advisors
- Insurance professionals
- Accountants
- Lawyers
- Charitable entities, like the Garden
- Professional trustees

Visit [mobot.org/plannedgiving](http://mobot.org/plannedgiving) and select "Start Your Plan" for free, confidential resources to support retirement and estate planning.

If you would like to discuss making a planned gift to the Garden or learn more about the Heritage Society, contact Brenda Zanola at (314) 577-0879 or [bzanola@mobot.org](mailto:bzanola@mobot.org).



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## PROTECTING THE FUTURE OF PLANTS

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Two Days!



## Ghouls in the Garden Scavenger Hunt

October 24–25 | 10 a.m.–4 p.m.

Visit the Garden all weekend long for a self-guided scavenger hunt and family friendly entertainment, brought to you by the Garden Members' Board.

MISSOURI BOTANICAL GARDEN

# calendar

[mobot.org/events](http://mobot.org/events)

september | october | november



### Best of Missouri Market®

October 2–4

Advance timed e-tickets  
highly recommended;  
e-tickets on sale  
September 8 at  
[mobot.org/market](http://mobot.org/market).

### BOOterfly House

October 1–31  
Free for members



### Wicked Wings and Wine

October 9  
Discounted admission  
for members



### Bug Ball

October 24  
Discounted admission  
for members



## Member Appreciation Days

Exclusive Offers and Special Events  
November 8–15

This November, we're saying "Thank you!" for  
your generous support. Highlights include 20% off  
membership, virtual activities, and more.



SAVE 20%  
on membership!

[mobot.org/memberevents](http://mobot.org/memberevents)

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[butterflyhouse.org](http://butterflyhouse.org)

[mobot.org/memberappreciation](http://mobot.org/memberappreciation)

# september 2020

average temperature: low 61° | high 81°  
average precipitation: 4.17 in.

## What's in bloom?



Autumn crocus      Evening primrose      New England aster

9/1–11/30	Fest-of-Ale Beer Trail   \$
9/4	✿ Member Double Day   10 a.m.–4 p.m.   ☰ GGS
9/5–9/7	Labor Day Weekend Extended Hours 9 a.m.–7:30 p.m.
9/5–9/7	Teahouse Island Tours   Times to be determined   \$
9/5–9/6	Candlelight Walk and Toro Nagashi Ceremony 7:30–9 p.m.   \$
9/8	✿ Member Evening Hours   5–7 p.m.
9/12–9/13	Fancy Tea   10–11:30 a.m., 2–3:30 p.m.   ☰ \$ BH
9/15	✿ Member Evening Hours   5–7 p.m.
9/15	★ Garden Giving Societies Spotlight Series: Jack C. Taylor Visitor Center   ☰ ❁
9/16	✿ Virtual Members Speaker Series: Gateway to the Garden   2–3 p.m.   ☰ ❁
9/18	Evelyn E. Newman Founders Day Celebration 10 a.m.–4 p.m.   BH
9/22	✿ Member Evening Hours   5–7 p.m.
9/29	✿ Member Evening Hours   5–7 p.m.



Fancy Tea

# october 2020

average temperature: low 50° | high 70°  
average precipitation: 3.35 in.

## What's in bloom?



Winterberry      Chrysanthemum      Goldenrod

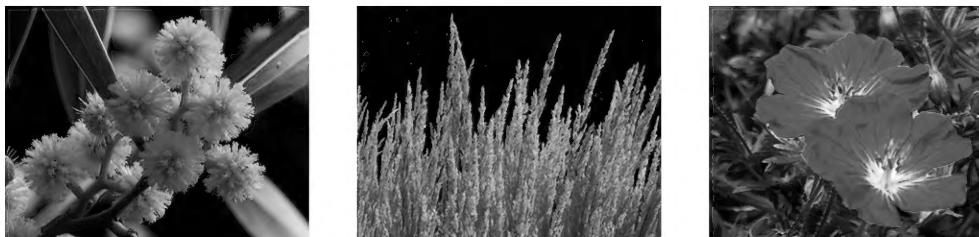


10/1–10/31	BOOterfly House   10 a.m.–4 p.m.   BH
10/2	✿ Member Double Day   10 a.m.–4 p.m.   ☰ GGS
10/2–10/4	Best of Missouri Market®   9 a.m.–5 p.m.   \$
10/3	✿ Best of Missouri Market Members-Only Shopping Hour   8–9 a.m.   \$
10/9	Wicked Wings and Wine   5:30–7:30 p.m.   ☰ \$ BH
10/22	★ Garden Giving Societies Spotlight Series: Teahouse Island   ☰ ❁
10/22	✿ Virtual Member Speaker Series: All the Presidents' Gardens   11 a.m.–noon   ☰ ❁
10/24	Bug Ball   5:30–7:30 p.m.   ☰ \$ BH
10/24–10/25	✿ Ghouls in the Garden Scavenger Hunt 10 a.m.–4 p.m.   ☰

# november 2020

average temperature: low 39° | high 57°  
average precipitation: 3.62 in.

## What's in bloom?



Barrier range wattle      Feather reed grass      Cranesbill

10/27–11/1	Tree Week   9 a.m.–4 p.m.
11/6	✿ Member Double Day   10 a.m.–4 p.m.   ☰ GGS
11/8	✿ Garden Glow Festival Member Preview presented by Wells Fargo   5–10 p.m.   ☰ \$
11/8–11/15	✿ Member Appreciation Days
11/9–11/10	✿ Garden Glow Member Previews presented by Wells Fargo   5–10 p.m..   ☰ \$
11/10	✿ Virtual Member Speaker Series: Holiday Decorating   11 a.m.–noon   ☰ ST ❁
11/18	★ Garden Giving Societies Spotlight Series: The Climatron   ☰ ❁
11/20–12/31	Winter Jewels   10 a.m.–4 p.m. (closed on Thanksgiving and December 24 and 25)   BH
11/10–12/31	Books and Butterflies   11 a.m. Wednesday–Friday (closed on Thanksgiving and December 24 and 25)   BH
11/11–11/2	Garden Glow   presented by Wells Fargo   5–10 p.m. (closed December 24 and 25)   \$



# your garden



## Growing Cool Season Vegetables

Warm season crops such as tomatoes, corn, peppers, pole beans, and zucchini are planted in the spring and thrive in the warm, sunny weather of summer. But many other vegetables are best grown when the weather is cooler in spring or fall. These include beets, lettuce, spinach, cabbage, kale, broccoli, and chard. Now is the perfect time to start planning for the fall growing season. Fall is shorter than both the spring and summer growing seasons, so choose varieties of cool season crops that mature quickly. The number of days required between germination and harvest is included on most seed packets. It can still get quite hot in late summer, so starting seeds indoors is recommended to stimulate germination of these temperature-sensitive crops. The first frost in the St. Louis region usually falls around October 15. Take this into account when determining the best time to start seeds. Consider using row covers to further extend the fall growing season. Use lightweight fabrics that will protect plants from frost and pests but also allow water, light, and air to reach the plants.

Find more advice and tips at [gardeninghelp.org](http://gardeninghelp.org).

## Plant Societies' Shows and Sales

Get the latest information about your favorite plant society's show and sale by visiting [mobot.org/plantsocieties](http://mobot.org/plantsocieties).

**Key** (All events take place at the Garden unless otherwise noted.)

BAY	Bayer Hall (in RVC)	GGS	Garden Gate Shop
BC	Bayer Center	JE	Jordan Education Wing (in RVC)
BH	Butterfly House	KC	Kemper Center for Home Gardening
BHGS	Butterfly House Gift Shop	LS	Little Shop Around the Corner
CA	Cohen Amphitheater	RVC	Ridgway Visitor Center
CBECC	Commerce Bank Center for Science Education	SNR	Shaw Nature Reserve
CHD	Children's Garden	SP	Spink Pavilion
CL	Climatron lawn	ST	Shoenberg Theater (in RVC)

Sassafras  
 Members-only event  
 Garden Giving Society event  
 Double punches at Garden Gate Shop  
 Double punches at Butterfly House Gift Shop  
 Reservations required  
 Fee required  
 Virtual event

photos by (front) Kent Burgess, Tom Incrocci, Kat Niehaus, Mary Lou Olson, and Sundos Schneider.  
(this page) Matilda Adams, Claire Cohen, Tom Incrocci, Cassidy Moody, Kat Niehaus, Robin Powell, and Sundos Schneider. Events and dates subject to change based on updated safety measures.